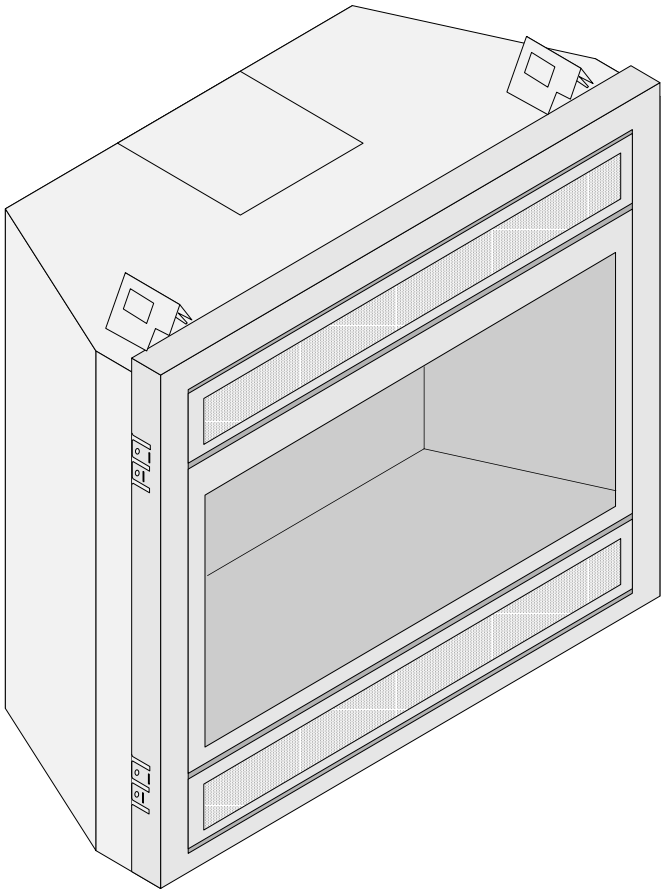

864 TRV GreenSmart™ Fireplace

Listed by

AS 4553-2008
GMK10026
IAPMO-R&T OCEANA

- **Built-In Direct Vent Fireplace**
- **Natural Gas or Propane**
- **Residential or Mobile Home**

WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- **DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.**
- **DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.**
- **DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.**
- **DO NOT MODIFY THIS APPLIANCE.**
- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**

WHAT TO DO IF YOU SMELL GAS

- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**
- **Installation and service must be performed by a qualified installer, service agency or the gas supplier.**

This appliance may be installed in an aftermarket permanently located, manufactured home (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type(s) of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

Installation Manual

Dragon Wholesaling Pty. Ltd.
Unit 2, 16 Lexington Drive
Bella Vista NSW
Australia 2153

Installer: **After installation give this manual to the home-owner and explain operation of this heater.**

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2 Introduction

Overview

This manual details the installation requirements for the 864 TRV GS fireplace. For operating and maintenance instructions, refer to the 864 TRV GS Owner's Manual (part # 100-01227).

Table of Contents 3

Introduction

Overview 2
Error! Reference source not found. 2

Safety Precautions

Safety Precautions 4

Features and Specifications

Features 6
Installation Options 6
Heating Specifications 6
Dimensions 6

Installation

Packing List 7
Additional Items Required 7
Installation Overview 7
Recommended Installation Procedure 7
Converting the Fireplace to Top Vent Configuration 9
Fireplace Placement Requirements 11
- Clearances 11
- Raised Fireplaces 11
- Min. Framing Dims. - Rear Vent Configuration 12
- Min. Framing Dims. - Top Vent Configuration 13
- Nailing Brackets 14
- Corner Installations - Rear Vent Configuration 15
- Corner Installations - Top Vent Configuration 16

Gas Line Requirements 17
- Fuel 17
- Gas Line Connection 17
- Gas Inlet Pressure 17
- Gas Line Location 17

Electrical Connection (required) 19
Optional Wall Switch or Thermostat Installation 20
Vent Requirements 21
- Vent Clearances 21
- Altitude Considerations 21
- Approved Vent 22
- Vent Installation 22

Approved Vent Configurations 23
- Restrictor Position 23
- Exhaust Restrictor Adjustment 23
- Intake Restrictor Adjustment 24
- Diffuser Plate Adjustment 25

Rear Vent Config. W Horizontal Term. (no vertical rise) 26
Rear Vent Config. W Horizontal Term. (w vertical rise) 27
Rear Vent Configuration with Vertical Termination 28
Top Vent Configuration with Horizontal Termination 29
Top Vent Configuration with Vertical Termination 30
Termination Requirements 31

Installation (continued)

Hearth Requirements 32
Facing Requirements 33
- Drywall Installation 33
- Facing Overview 34
- Optional Faceplates – Sizing Chart 34
- Thin Facing Installation 35
- Thick Facing Installation 37
- Thick Facing Installation with FPX Arched Faces 38

Mantel Requirements 40
Install Example - Build-Out (Dog-House) w Hor. Term. 41
Install Example - Build-In w Hor. Term 42

Finalizing the Installation

Steps for Finalizing the Installation 43
- Air Shutter Adjustment 44

Glass Frame Removal and Installation 45
Log Set Installation 47
LP Conversion Instructions 54

Optional Equipment

Fireback Installation 57
Grill Installation 58

Index

Index 60

4 Safety Precautions

Safety Warnings:

- Failure to follow all of the requirements may result in property damage, bodily injury, or even death.
- This unit must be installed by a qualified installer to prevent the possibility of an explosion.
- This appliance must be installed in accordance with all local codes, if any; if not, in U.S.A. follow ANSI Z223.1 and NFPA 54(88).
- A manufactured home (USA only) or mobile home OEM installation must conform with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or, when such a standard is not applicable, the Standard for Manufactured Home Installations, ANSI/NCSBCS A225.1, or Standard for Gas Equipped Recreational Vehicles and Mobile Housing, CSA Z240.4. This appliance may be installed in Manufactured Housing only after the home is site located.
- All exhaust gases must be vented outside the structure of the living-area. Combustion air is drawn from outside the living-area structure. The venting must not be connected to a chimney flue serving a separate solid-fuel burning appliance.
- Notify your insurance company before hooking up this fireplace.
- The room heater should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc.
- The instructions in this manual must be strictly adhered to. Do not use makeshift methods or compromise in the installation. Improper installation will void the warranty and safety listing.
- This heater is approved for use with natural gas (NG) or propane (LP). Burning the incorrect fuel will void the warranty and safety listing and may cause an extreme safety hazard. Direct questions about the type of fuel used to your dealer. Check the label and flame adjust knob on the gas control valve.
- Contact your local building officials to obtain a permit and information on any installation restrictions or inspection requirements in your area.
- If the flame becomes sooty, dark orange in color, or extremely tall, do not operate the heater. Call your dealer and arrange for proper servicing.
- It is imperative that control compartments, screens, or circulating air passageways of the heater be kept clean and free of obstructions. These areas provide the air necessary for safe operation.
- Do not operate the heater if it is not operating properly in any fashion or if you are uncertain. Call your dealer for a full explanation of your heater and what to expect.
- Do not store or use gasoline or other flammable liquids in the vicinity of this heater.
- Do not operate if any portion of the heater was submerged in water or if any corrosion occurs.
- Do not place clothing or other flammable items on or near the heater. Because this heater can be controlled by a thermostat there is a possibility of the heater turning on and igniting any items placed on or near it.
- Light the heater using the built-in piezo igniter. Do not use matches or any other external device to light your heater.
- Never remove, replace, modify or substitute any part of the heater unless instructions are given in this manual. All other work must be done by a trained technician. Don't modify or replace orifices.
- The viewing glass should be opened only for conducting service.
- Any safety screen or guard removed for servicing must be replaced prior to operating the heater.

Safety Warnings (continued):

- Allow the heater to cool before carrying out any maintenance or cleaning.
- Operate the heater according to the instructions included in this manual.
- If the main burners do not start correctly turn the gas off and call your dealer for service.
- This unit is not for use with solid fuel.
- Do not place anything inside the firebox (except the included fiber logs).
- If the fiber logs become damaged, replace with Travis Industries log set.
- Do not throw this manual away. This manual has important operating and maintenance instructions that you will need at a later time. Always follow the instructions in this manual.
- Do not touch the hot surfaces of the heater. Educate all children of the danger of a high-temperature heater. Young children should be supervised when they are in the same room as the heater.
- Due to the high temperature, the heater should be located out of traffic and away from furniture and draperies.
- Instruct everyone in the house how to shut gas off to the appliance and at the gas main shutoff valve. The gas main shutoff valve is usually next to the gas meter or propane tank and requires a wrench to shut off.
- **Travis Industries, Inc. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility of any consequential damage(s).**

6 Features and Specifications

Installation Options

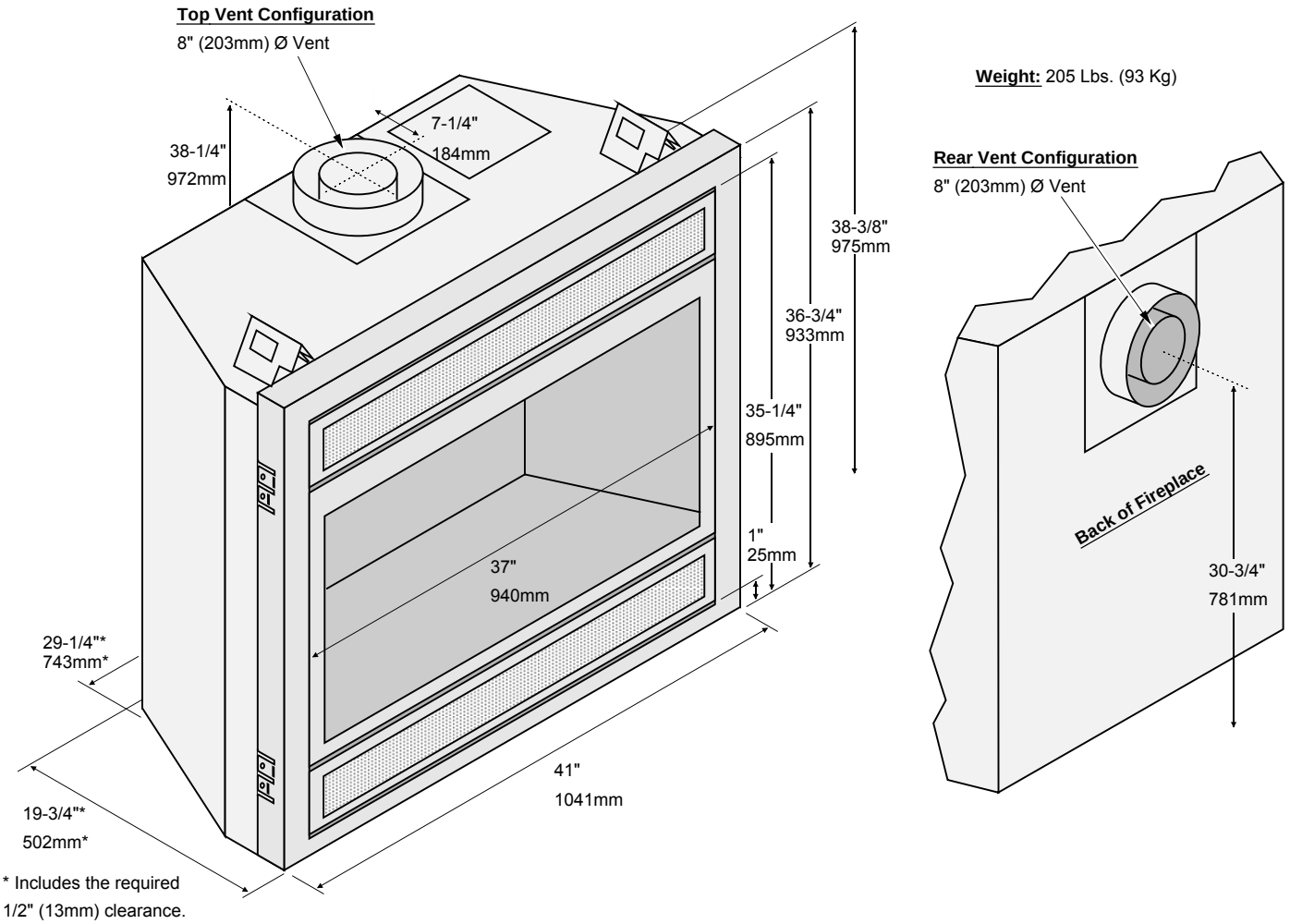
- Residential or Mobile Home
- Straight or Corner Placement
- Flush or Recessed Face
- Raised or Floor Placement
- Internal or External Chase
- Horizontal or Vertical Vent
- Bedroom Approved

Heating Specifications

	Natural Gas	Propane
Approximate Heating Capacity (in square feet)*	1,400	1,400
Approximate Heating Capacity (in square meters)*	129	129
Maximum BTU Input Per Hour	31,000	31,000
Maximum Megajoules (MJ) Input Per Hour	32.6	32.6

* Heating capacity will vary with floor plan, insulation, and outside temperature.

Dimensions



Packing List

- Propane Conversion Kit
- Log Set
- Firestop (sku 93006094)
- On/Off Switch, Cover Plate, and Wire
- 4 AA Batteries, 1 9Volt Battery

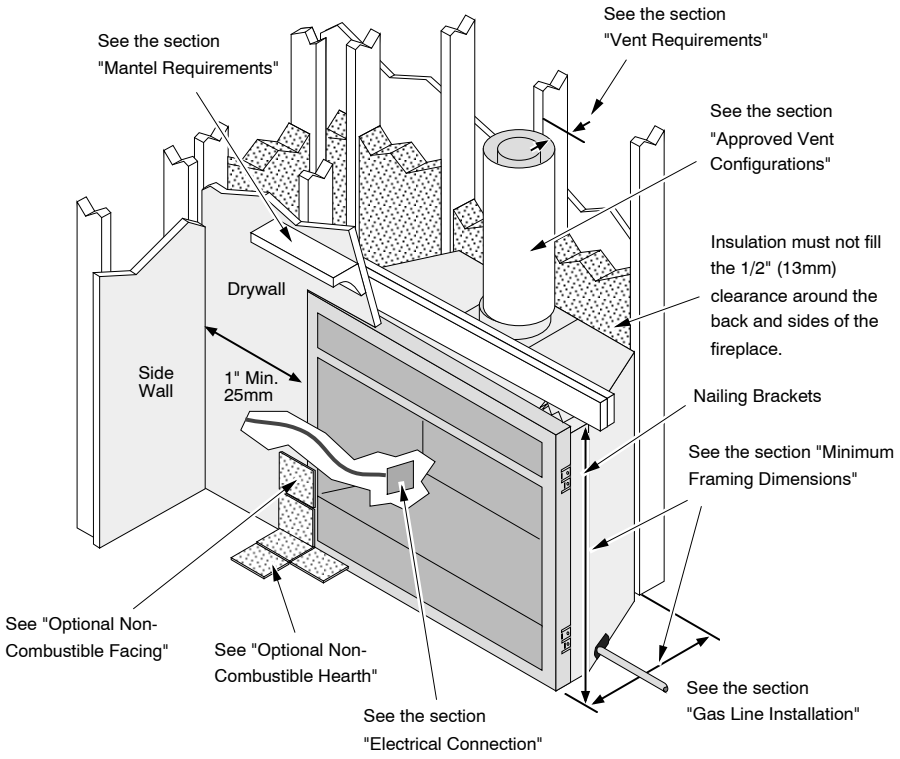
Additional Items Required

- Direct Vent
- Gas Line Equipment (shutoff valve, pipe, etc.)
- Electrical Equipment (min. 14 gauge, grounded line)

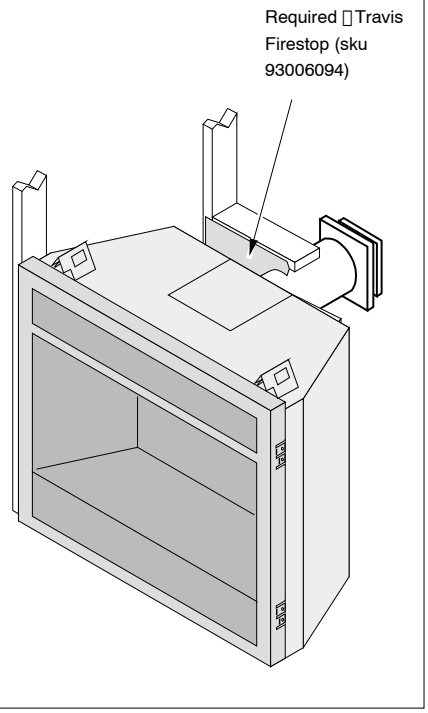
Installation Overview

- All requirements below must be met.

Top Vent Configuration


See the section "Mantel Requirements"
See the section "Vent Requirements"
See the section "Approved Vent Configurations"
Insulation must not fill the 1/2" (13mm) clearance around the back and sides of the fireplace.
Drywall
Side Wall
1" Min. 25mm
Nailing Brackets
See the section "Minimum Framing Dimensions"
See "Optional Non-Combustible Facing"
See "Optional Non-Combustible Hearth"
See the section "Electrical Connection"
See the section "Gas Line Installation"

Rear Vent Configuration



Recommended Installation Procedure

- Frame the opening for the fireplace. Make sure to allow for vent installation.
- This fireplace is designed to accommodate 1/2" (13mm) or 5/8" (16mm) drywall (see "Nailing Brackets" on page 14 for details). Secure the fireplace to the framing.
- Install the vent, gas line and electrical hook-up.
- Install the drywall.
- Install the hearth (if applicable).
- Install the facing (if applicable).
- Install the mantel (if applicable).
- Finalize the installation (see page 43) and install the grill or face.

8 Installation (for qualified installers only)

Massachusetts Requirements

NOTE: The following requirements reference various Massachusetts and national codes not contained in this document.

Requirements for the Commonwealth of Massachusetts

For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

Installation of Carbon Monoxide Detectors

At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gasfitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gasfitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

Approved Carbon Monoxide Detectors

Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

Signage

A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, “GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS”.

Inspection

The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

Exemptions

The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

• The equipment listed in Chapter 10 entitled “Equipment Not Required To Be Vented” in the most current edition of NFPA 54 as adopted by the Board; and

• Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

MANUFACTURER REQUIREMENTS

Gas Equipment Venting System Provided

When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

• Detailed instructions for the installation of the venting system design or the venting system components; and

• A complete parts list for the venting system design or venting system.

Gas Equipment Venting System NOT Provided

When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies “special venting systems”, the following requirements shall be satisfied by the manufacturer:

• The referenced “special venting system” instructions shall be included with the appliance or equipment installation instructions; and

• The “special venting systems” shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

See Gas Connection section for additional Commonwealth of Massachusetts requirements.

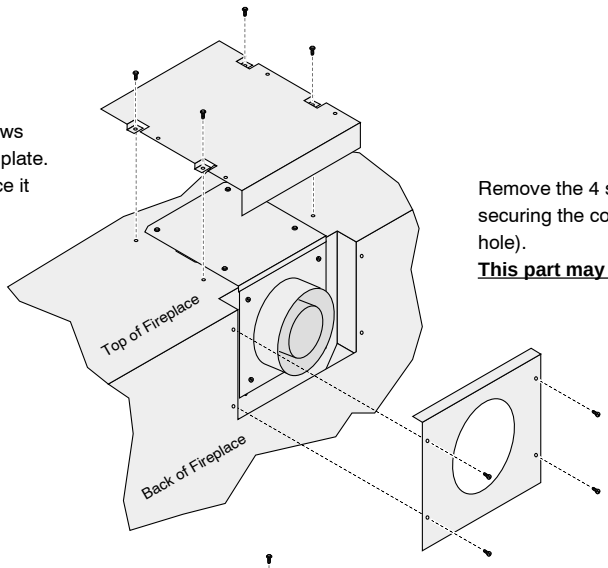
Top Vent or Rear Vent Configuration

This appliance is shipped in the rear vent configuration. To change to the top vent configuration, follow the directions below.

NOTE: the vent configuration affects several aspects of installation (framing, maximum vent rise, maximum vent run). Make sure the vent configuration is correct prior to installation. You may wish to configure the diffuser when changing the vent configuration.

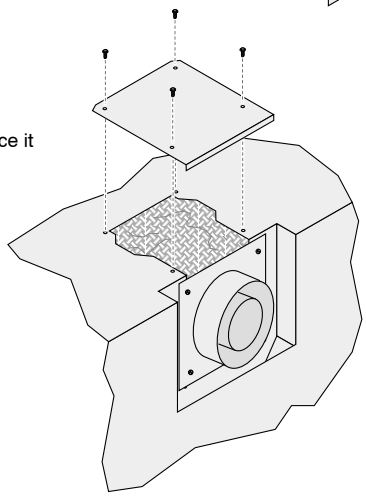
Converting the Fireplace to Top Vent Configuration

Remove the 4 screws securing the cover plate. Remove it and place it aside.

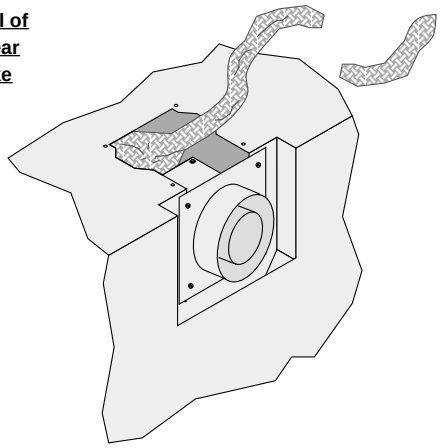


Remove the 4 screws securing the cover plate (with hole).
This part may be discarded.

Remove the 4 screws securing the intake cover plate. Remove it and place it aside.

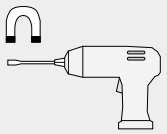


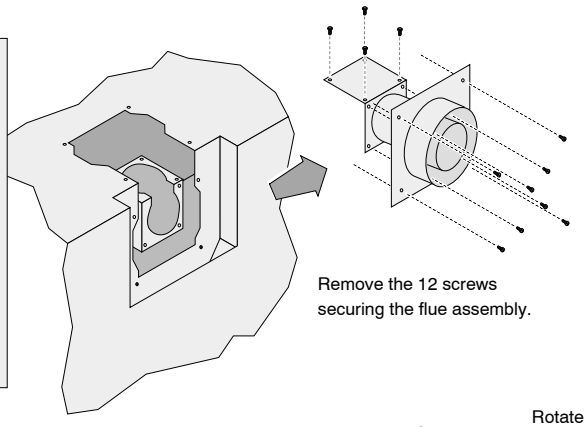
Remove and discard all of the insulation found near the flue assembly (make sure to remove every piece).



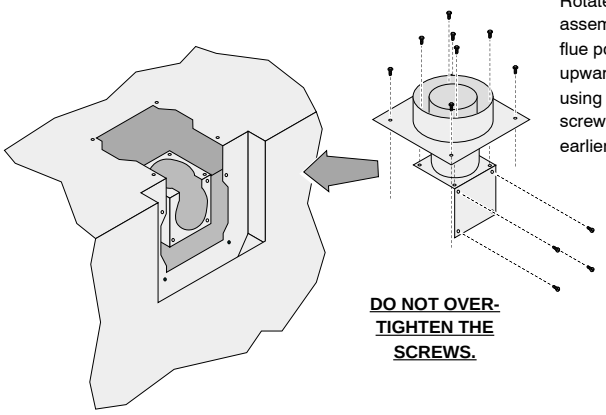
Converting the Fireplace to Top Vent (continued)

NOTE: Use a magnetic-tipped nutdriver on these screws - take care to prevent the screws from falling into the fireplace.



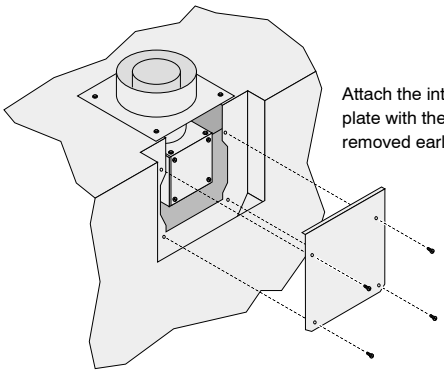


Remove the 12 screws securing the flue assembly.

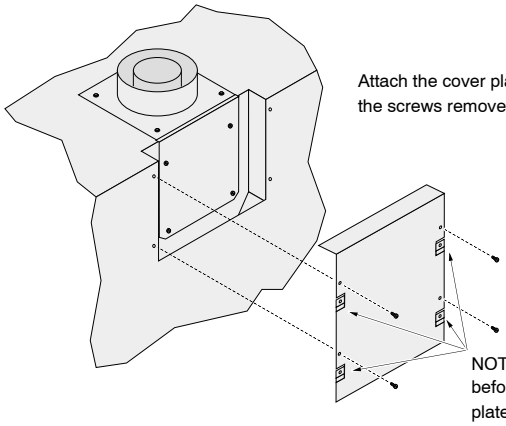


Rotate the flue assembly so the flue points upwards. Secure using the twelve screws removed earlier.

DO NOT OVER-TIGHTEN THE SCREWS.



Attach the intake cover plate with the screws removed earlier.



Attach the cover plate with the screws removed earlier.

NOTE: flatten the four legs before insaling the cover plate.

Fireplace Placement Requirements

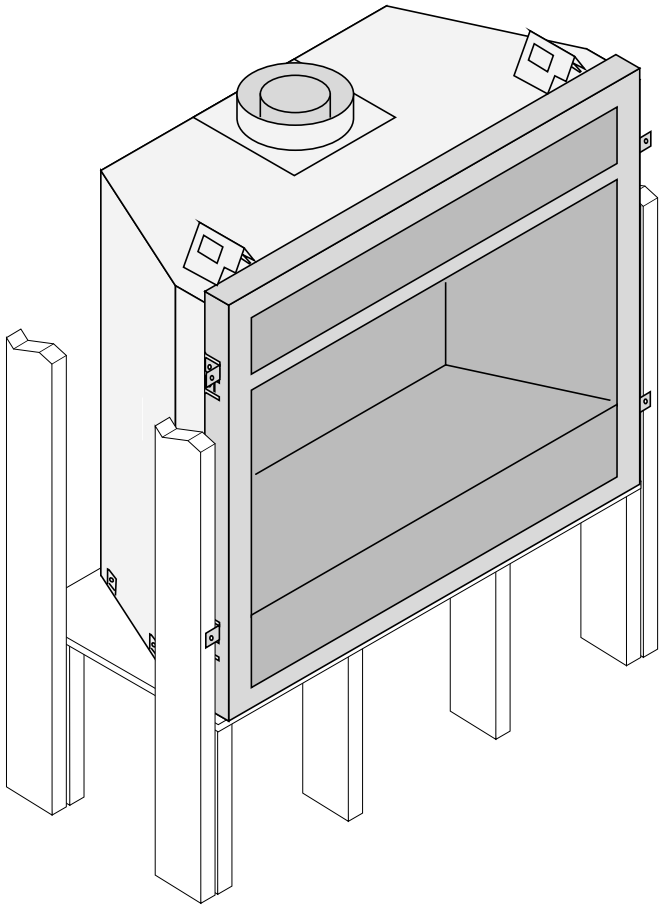
- The fireplace requires a 1/2" (13mm) clearance from the angled sides and back of the fireplace to the framing members. No material (insulation, framing, etc.) may be placed into this area.
- Fireplace must be installed on a level surface capable of supporting the fireplace and vent
- Fireplace must be placed directly on wood or non-combustible surface (not on linoleum or carpet)
- This heater may be placed in a bedroom. Please be aware of the large amount of heat this appliance produces when determining a location.

Clearances

- When installed, walls in front of the fireplace must be a minimum 1" (25mm) to the side of the fireplace.
- Due to the high temperature, the heater should be located out of traffic and away from furniture and draperies.
- Fireplace must be placed so the vents below and above the glass do not become blocked.

Raised Fireplaces

- The fireplace (and hearth, if desired) may be placed on a platform designed to support the fireplace (205 Lbs. 93 Kg) and vent.



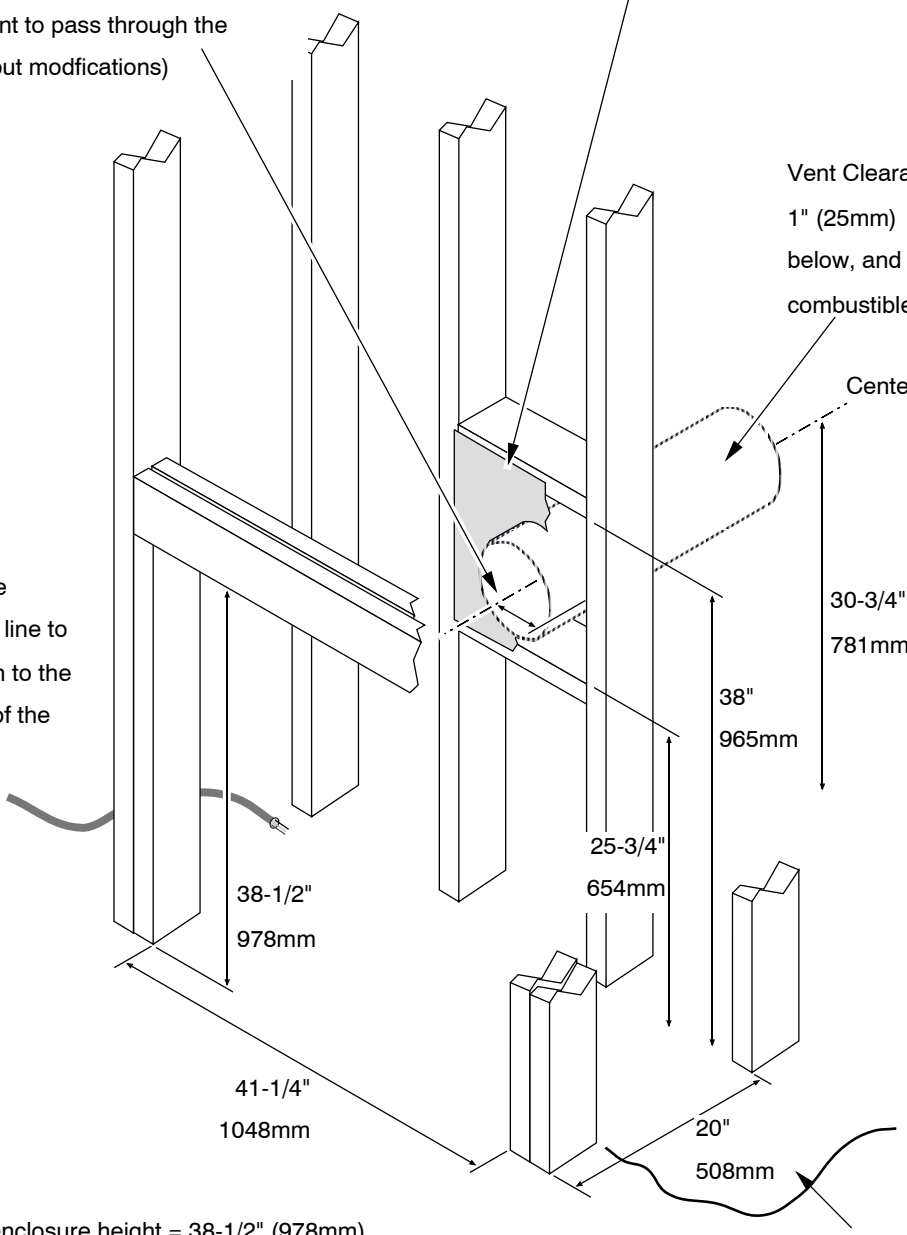
Minimum Framing Dimensions - Rear Vent Configuration

HINT: place the fireplace so the center line is at least 5" (127mm) from both vertical framing members at the rear (this allows the vent to pass through the framing without modfications)

Included Firestop (required)
Part # 93006094

Vent Clearances 8" (203mm) dia. Vent: 1" (25mm) to the sides, 1" (25mm) below, and 3" (76mm) above the vent to combustibles.

Center of Rear Vent

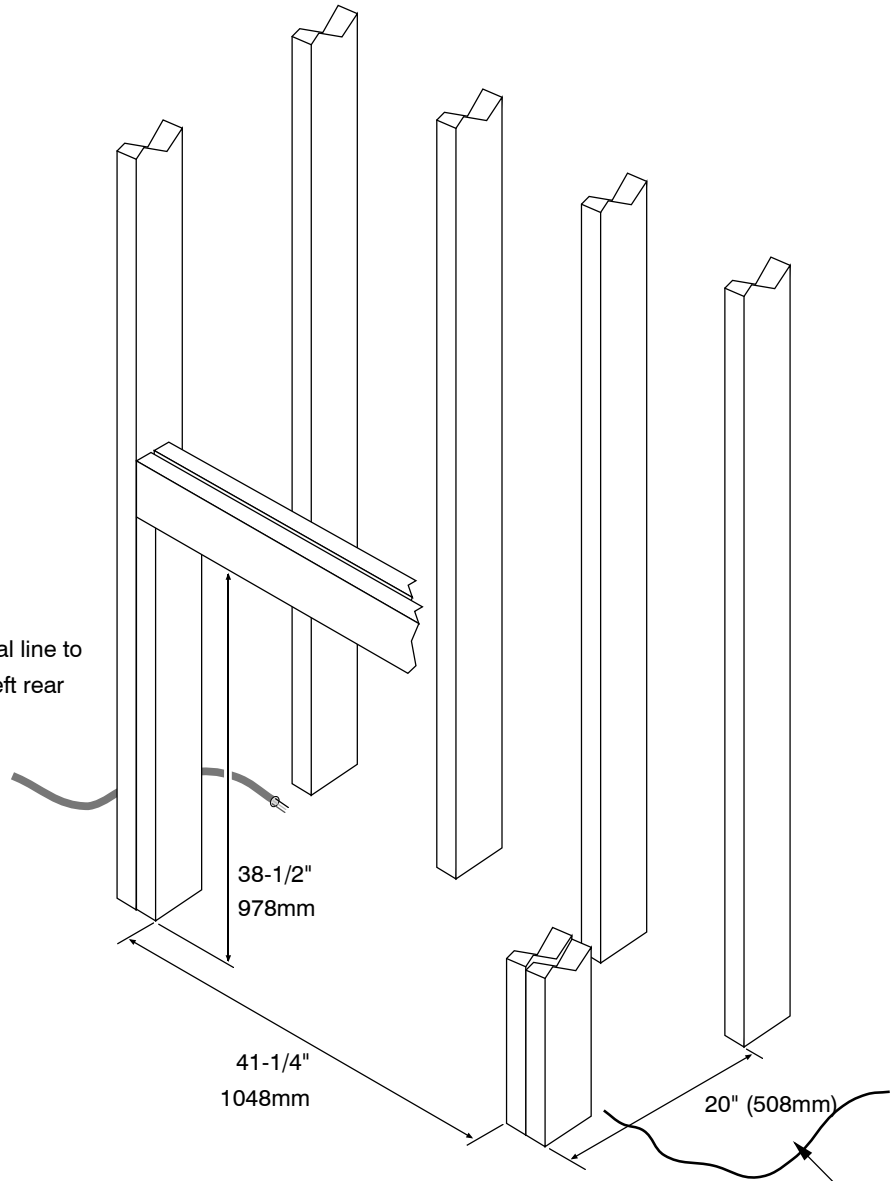


Route the electrical line to a position to the left rear of the fireplace.

Minimum enclosure height = 38-1/2" (978mm)

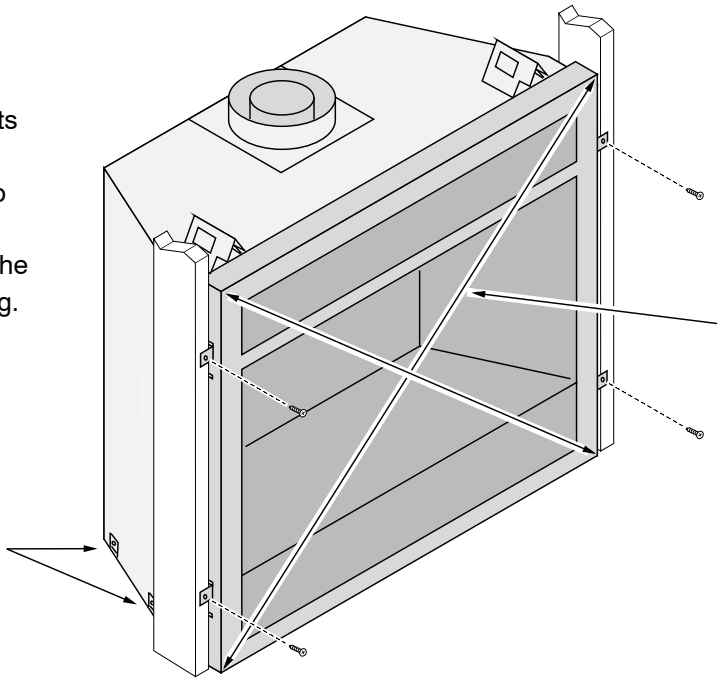
The on/off switch/thermostat wire (if used) should be routed to a location near the right front of the fireplace.

Minimum Framing Dimensions - Top Vent Configuration


Route the electrical line to a position to the left rear of the fireplace.
38-1/2"
978mm
41-1/4"
1048mm
20" (508mm)
Minimum enclosure height = 38-1/2" (978mm)
The on/off switch/thermostat wire (if used) should be routed to a location near the right front of the fireplace.

Nailing Brackets

There are four nailing brackets on the front of the fireplace. Follow the directions below to prepare the nailing brackets. Once in place, nail or screw the nailing brackets to the framing.

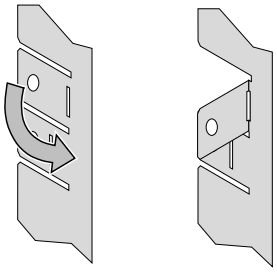


Make sure the fireplace is square and plumb when placed in the framing. Measured corner-to-corner, the fireplace should be square (approx. 54-7/8" (1394mm) for each dimension). Use shims to insure the fireplace is square.

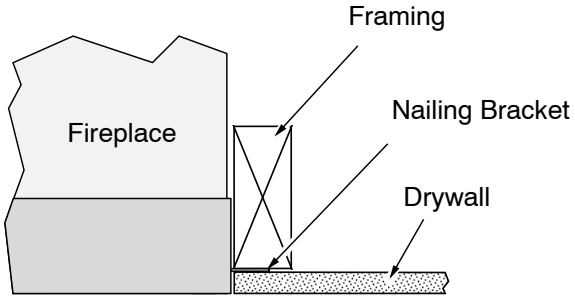
NOTE: Additional nailing brackets are provided along the base of the fireplace. Use these brackets if not using the front brackets.

1/2"(13mm) Drywall

For installations using 1/2" (13mm) facing fold the larger tab out 90°F (32.2°C). Use a screwdriver if necessary.

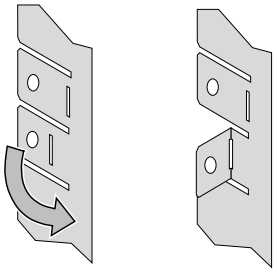


TOP VIEW

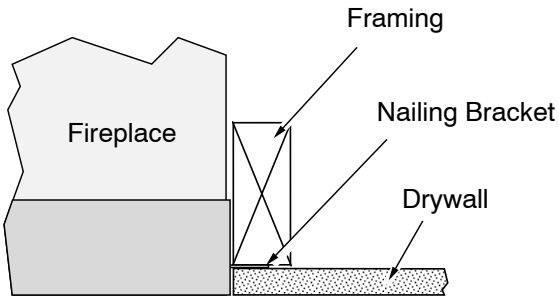


5/8"(16mm) Drywall

For installations using 5/8" (16mm) drywall fold the shorter tab out 90°F (32.2°C). Use a screwdriver if necessary.

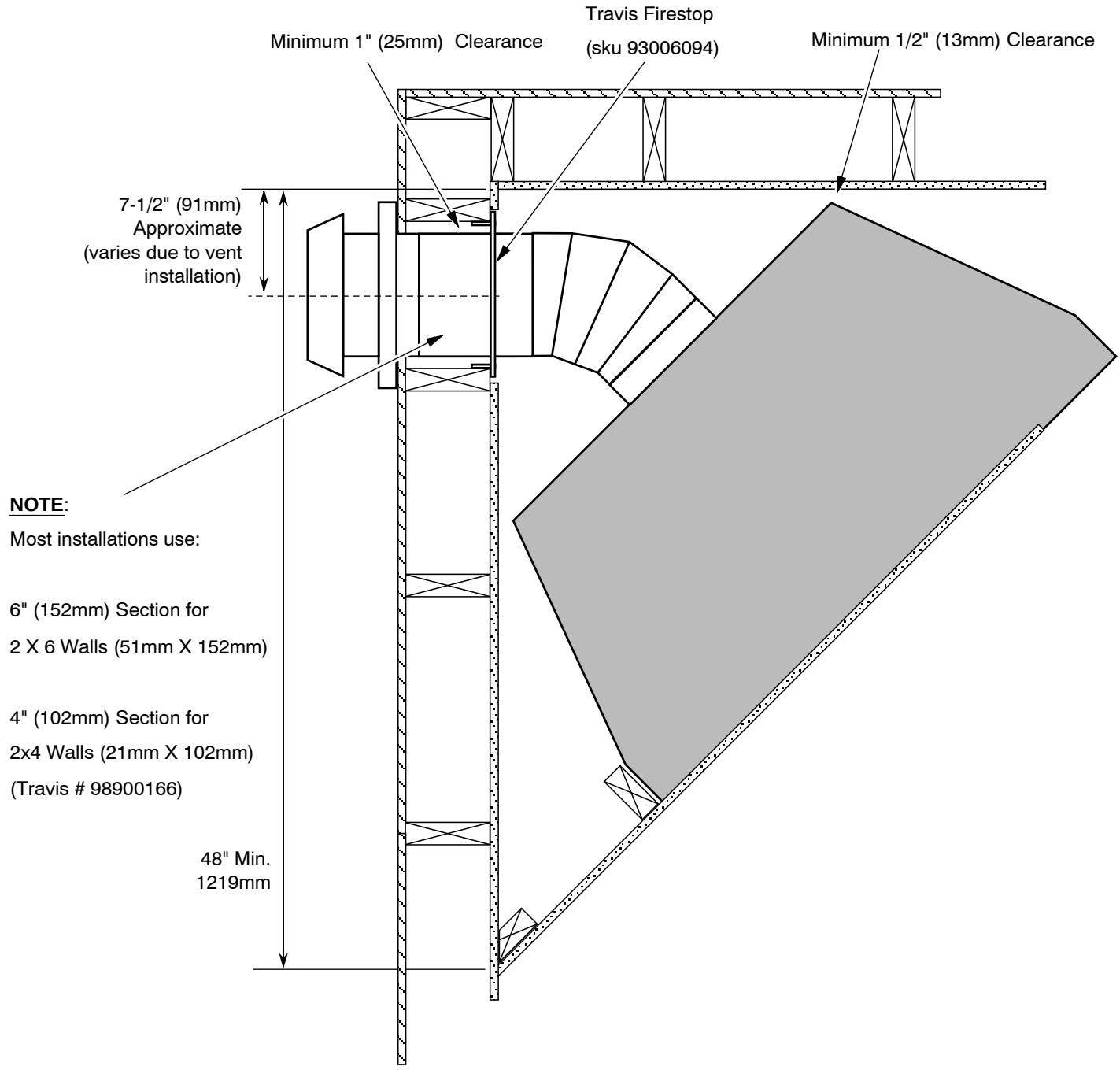


TOP VIEW



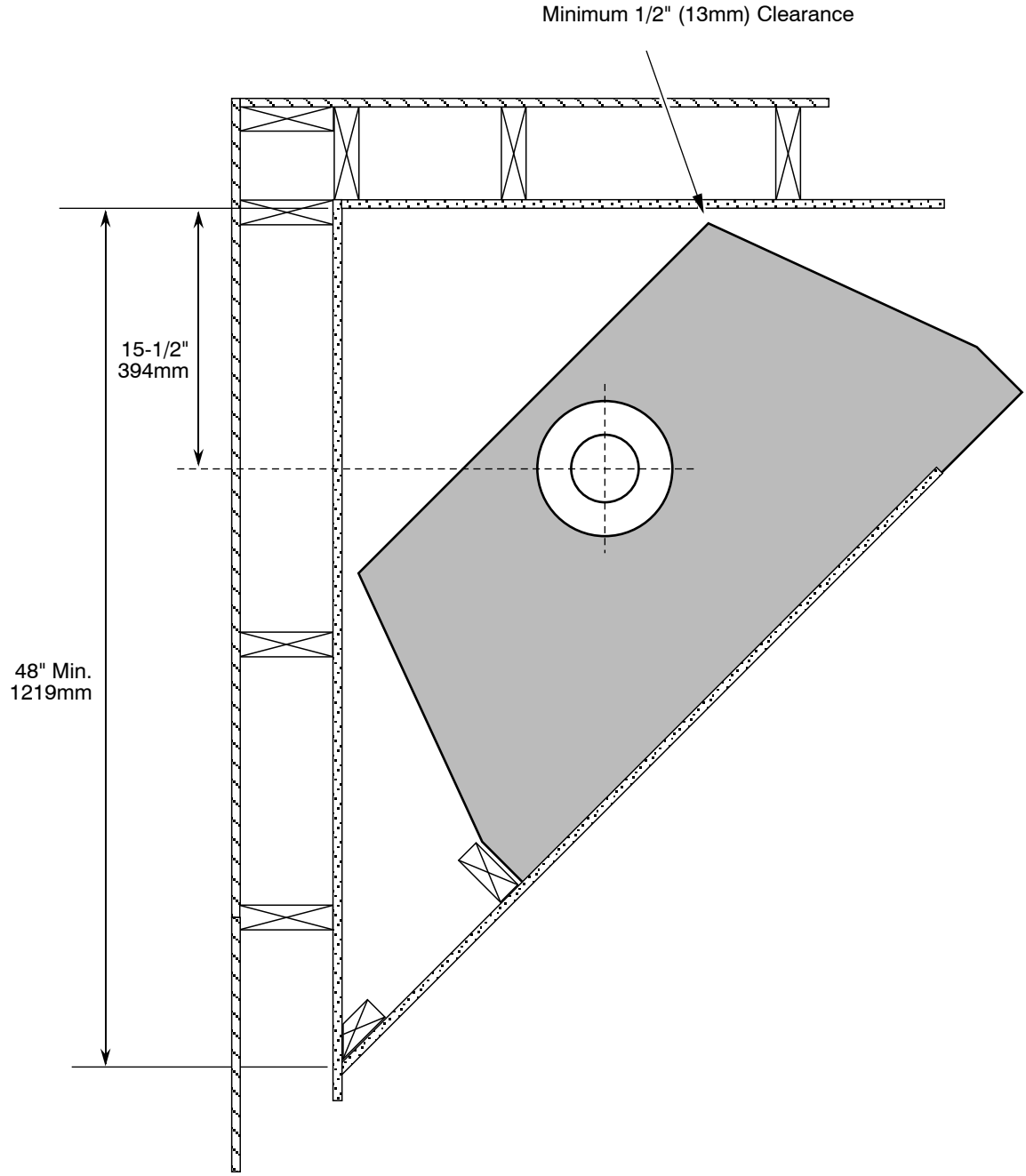
Corner Installations - Rear Vent Configuration

A typical 45° installation uses the framing dimensions shown in the illustration below (NOTE: all clearances still apply).



Corner Installations - Top Vent Configuration

A typical 45° installation uses the framing dimensions shown in the illustration below (NOTE: all clearances still apply).



Gas Line Requirements

MASSACHUSETTS INSTALLATIONS - WARNING:

THIS PRODUCT MUST BE INSTALLED BY A LICENSED PLUMBER OR GAS FITTER WHEN INSTALLED WITHIN THE COMMONWEALTH OF MASSACHUSETTS.

OTHER MASSACHUSETTS CODE REQUIREMENTS:

- Flexible connector must not be longer than 36 inches.
- Shutoff valve must be a “T” handle gas cock.
- Only direct vent sealed combustion products are approved for bedrooms or bathrooms.
- Fireplace dampers must be removed or welded in the open position prior to the installation of a fireplace insert or gas log.
- A carbon monoxide (CO) detector is required in the same room as the appliance.

- The gas line must be installed in accordance with all local codes, if any; if not, follow ANSI 223.1 and the requirements listed below.
- The fireplace and gas control valve must be disconnected from the gas supply piping during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPA). For pressures under 1/2 psig (3.5 kPA), isolate the gas supply piping by closing the manual shutoff valve.
- Leak test all gas line joints and the gas control valve prior to and after starting the fireplace.

Fuel

- This fireplace is designed either for natural gas or for propane (but not for both). Check the sticker on the top of the gas control valve to make sure the correct fuel is used.

Gas Line Connection

- Installation must be performed by a qualified installer, service agency or the gas supplier (In Massachusetts a licensed plumber/gasfitter).

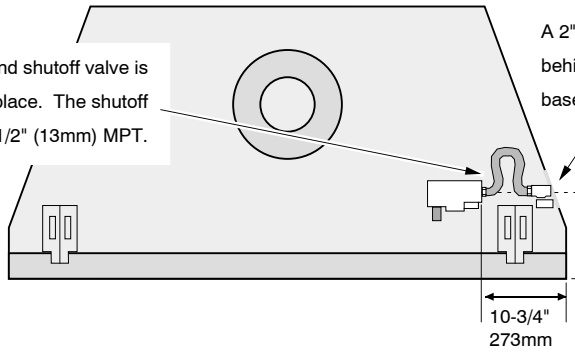
Gas Inlet Pressure

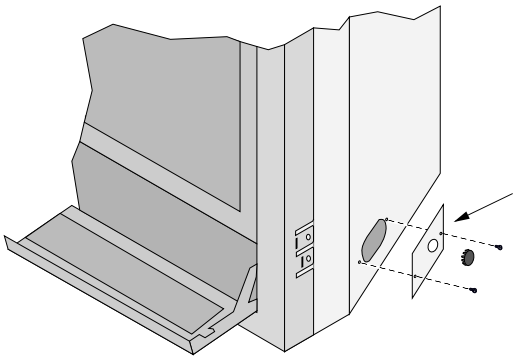
	Standard Input Pressure
Natural Gas	7" W.C. (1.74 kPA)
Propane	13" W.C. (2.73 kPA)

- If the pressure is not sufficient, make sure the piping used is large enough, the supply regulator is adequately adjusted, and the total gas load for the residence does not exceed the amount supplied.
- The supply regulator (the regulator that attaches directly to the residence inlet or to the propane tank) should supply gas at the suggested input pressure listed above. Contact the local gas supplier if the regulator is at an improper pressure.

Gas Line Location

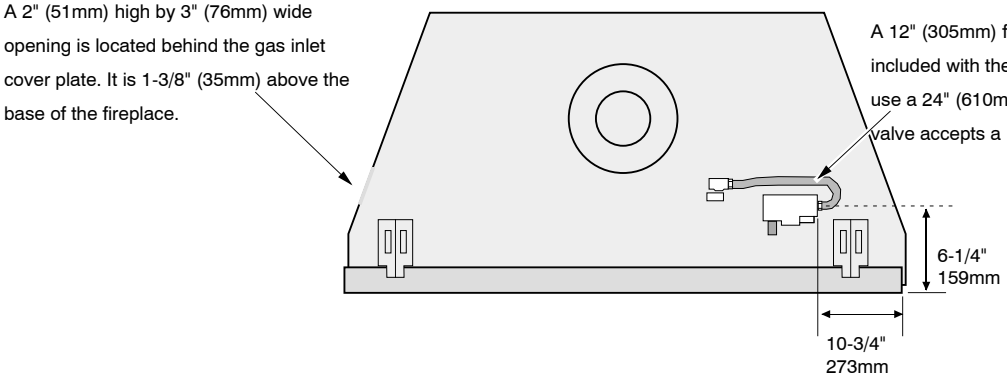
Right Side Gas Inlet (preferred)

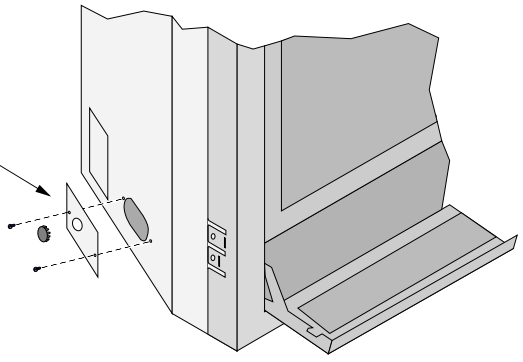

A 12" (305mm) flex tube and shutoff valve is included with the fireplace. The shutoff valve accepts a 1/2" (13mm) MPT.
A 2" (51mm) high by 3" (76mm) wide opening is located behind the gas inlet cover plate. It is 2" (51mm) above the base of the fireplace.
6-1/4"
159mm
10-3/4"
273mm
The gas inlet is located 3" (76mm) above the base of the fireplace.



You may remove this cover plate to install the gas line. The cover plate has a 7/8" (22mm) diameter hole (covered with a push plug) in line with the gas inlet on the gas control valve. By rotating the plate 180° F (82.2° C) the hole may be re-located. You may also secure the plate in a customized location using the self-drilling screws.

Left Side Gas Inlet


A 2" (51mm) high by 3" (76mm) wide opening is located behind the gas inlet cover plate. It is 1-3/8" (35mm) above the base of the fireplace.
A 12" (305mm) flex tube and shutoff valve is included with the fireplace. You may wish to use a 24" (610mm) flex tube. The shutoff valve accepts a 1/2" (13mm) MPT.
6-1/4"
159mm
10-3/4"
273mm

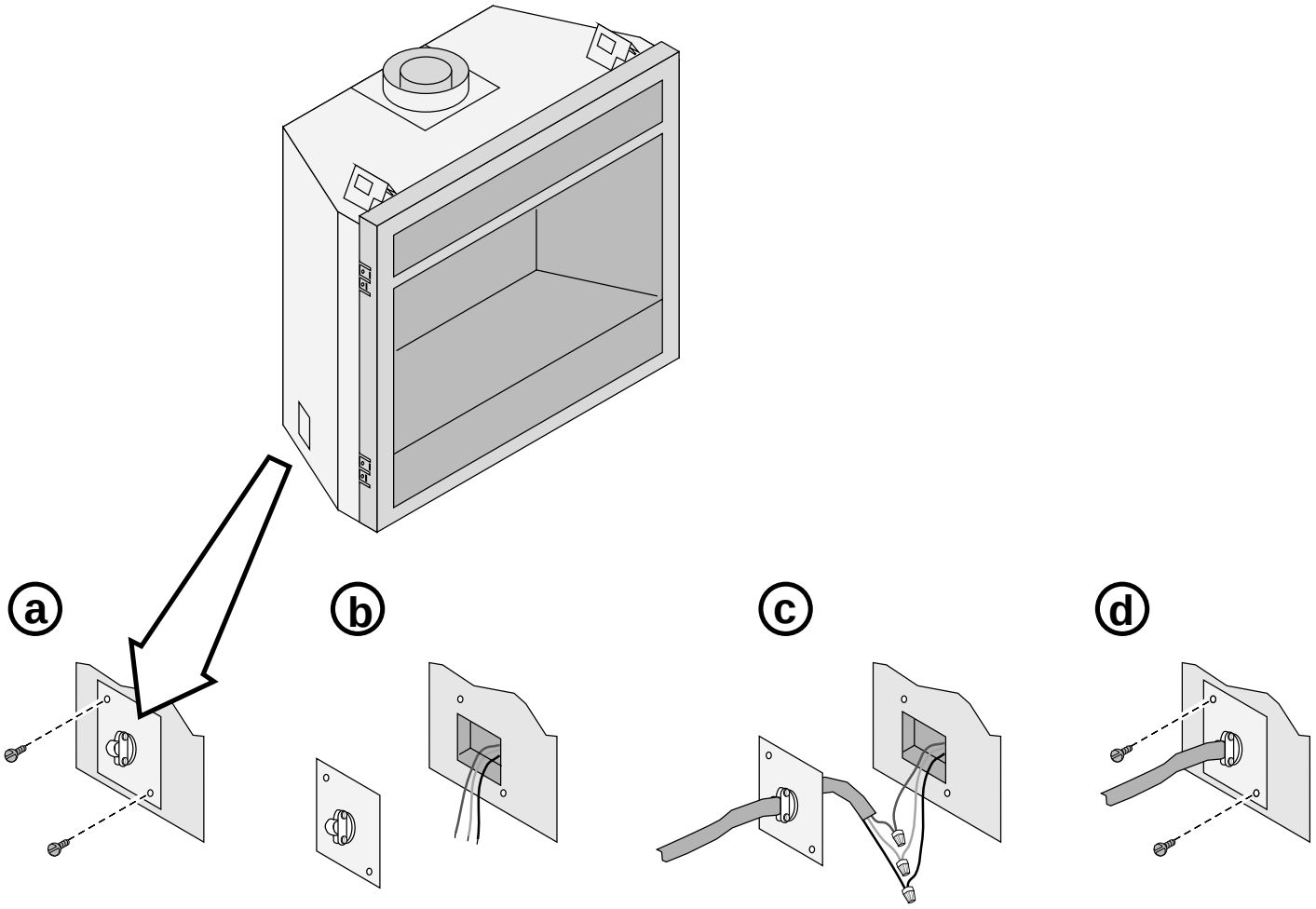


You may remove this cover plate to install the gas line. The cover plate has a 7/8" (22mm) diameter hole (covered with a push plug). By rotating the plate 180° F (82.2° C) the hole may be re-located. You may also secure the plate in a customized location using the self-drilling screws.

Electrical Connection (required)

- The electrical line to the grounded receptacle inside the fireplace must be installed by a qualified installer and must meet all local codes.
- Make sure the household breaker is shut off prior to working on any electrical lines.
- The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.
- The electrical line must be a min. 14 gauge, and supply 240 Volts at 50 Hz (2 Amps)

Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.



Optional Wall Switch or Thermostat Installation

Do not connect 110-240 VAC to the gas control valve or wiring system of this fireplace. The switch must be installed by a qualified installer.

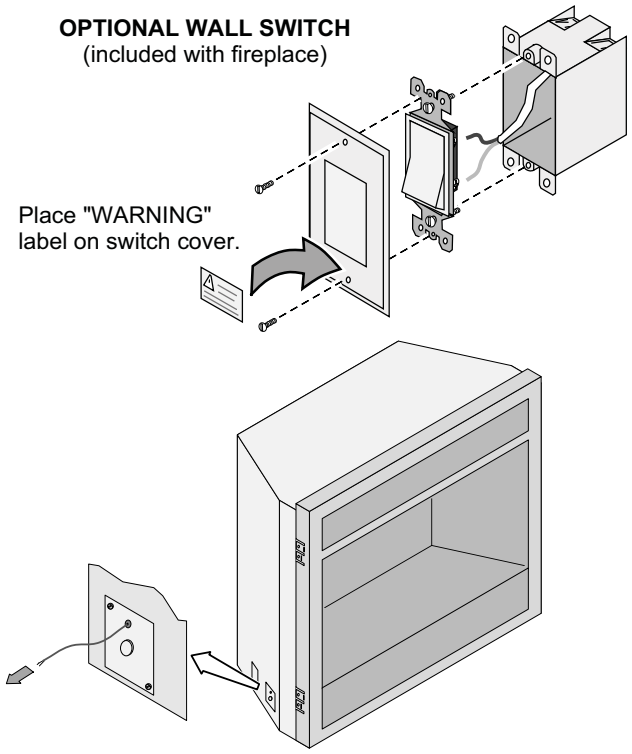
This fireplace includes an optional wall switch (with wire) to operate the fireplace burner without accessing the internal on/off switch. A thermostat may be used instead.

Route the wire from inside the fireplace, through the grommet on either side of the fireplace near the gas inlet (see at right) to the switch. The wall switch (or thermostat) may bypass the fireplace on/off switch or be installed in parallel or series configuration (see below).

Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

Note: When using a GreenSmart™ remote, use the receiver for on/off operation (do not use a wall switch or thermostat).

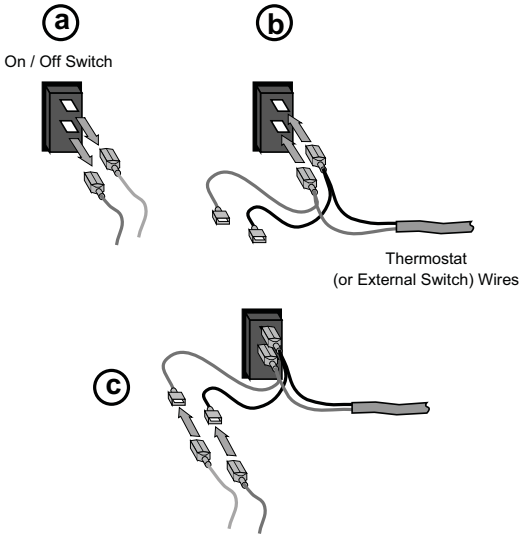
Warning: Make sure all wiring is secure and does not contact hot or moving components.



Parallel Connection

	On / Off Switch **ON**	On / Off Switch **OFF**
Thermostat / External Switch **ON**	Heater is **ON**	Heater is **ON**
Thermostat / External Switch **OFF**	Heater is **ON**	Heater is **OFF**

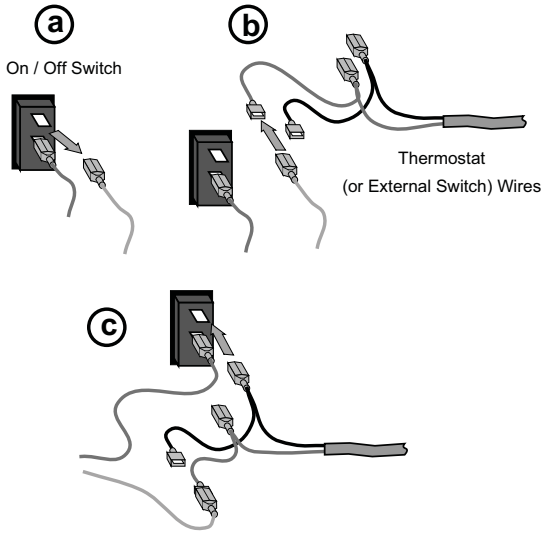
To wire the heater in parallel, follow the directions below:



Series Connection

	On / Off Switch **ON**	On / Off Switch **OFF**
Thermostat / External Switch **ON**	Heater is **ON**	Heater is **OFF**
Thermostat / External Switch **OFF**	Heater is **OFF**	Heater is **OFF**

To wire the heater in series, follow the directions below:



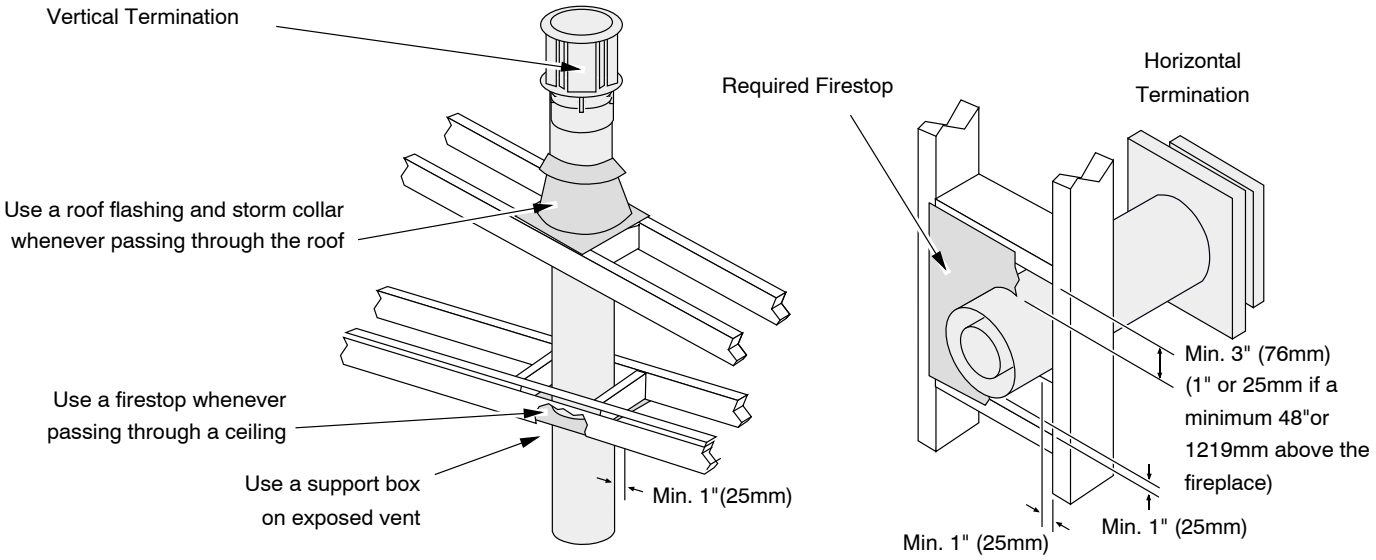
Vent Requirements

- The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each direct vent gas appliance must use it's own separate vent system.
- In addition to the requirements listed here, follow the requirements provided with the vent.
- A firestop is required whenever the vent penetrates a wall, floor, or ceiling (passes through framing members). Horizontal vent less than 48" (1219mm) above the fireplace must use the Travis Firestop (sku 93006094 - it incorporates a 3" (76mm) clearance above, 1" (25mm) clearance below and to the sides of the vent). Other penetrations only require a 1" (25mm) clearance and may use a standard firestop (make sure the required 1" (25mm) clearance is met).

Vent Clearances

- The vent must maintain the required clearance to combustible materials to prevent a fire. Do not fill air spaces with insulation.

	Before 48" (1219mm) Rise	After 48" (1219mm) Rise
Sides	1" (25mm)	1" (25mm)
Above	3" (76mm)	1" (25mm)
Below Horizontal or 45° Section	1" (25mm)	1" (25mm)


Vertical Termination
Use a roof flashing and storm collar whenever passing through the roof
Use a firestop whenever passing through a ceiling
Use a support box on exposed vent
Min. 1"(25mm)
Required Firestop
Horizontal Termination
Min. 3" (76mm) (1" or 25mm if a minimum 48"or 1219mm above the fireplace)
Min. 1" (25mm)
Min. 1" (25mm)

Altitude Considerations

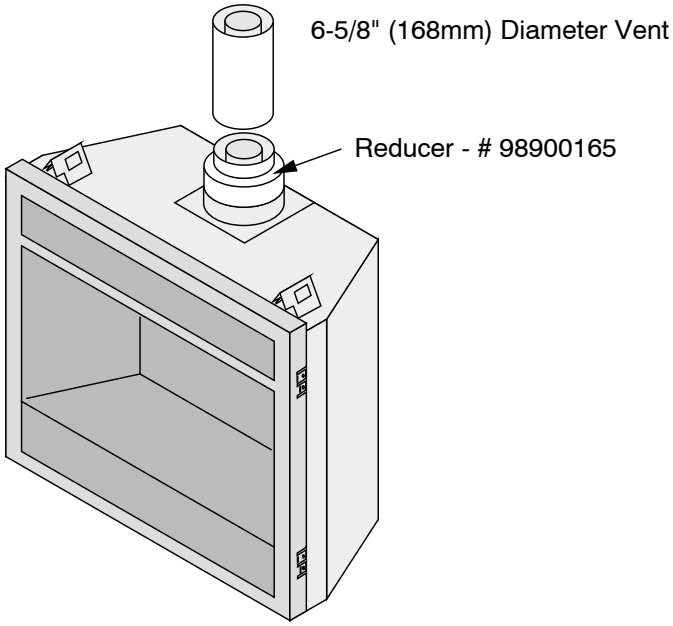
- This heater has been tested at altitudes ranging from sea level to 6,000 feet (1800 M). In this testing we have found that the heater, with its standard orifice, burns correctly with just an air shutter adjustment.
- Failure to adjust the air shutter properly may lead to improper combustion which can create a safety hazard. Consult your dealer or installer if you suspect an improperly adjusted air shutter.

Approved Vent

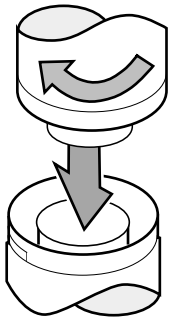
- Rear vent configurations use 8" (203mm) diameter Simpson Dura-Vent Model Direct-Vent Pro (or GS)*.
- Top vent configurations use 8" (203mm) or 6-5/8" (168mm) diameter Simpson Dura-Vent Direct-Vent Pro (or GS)*. If using 6-5/8" (168mm) diameter vent, attach the 8" (203mm) to 6-5/8" (168mm) reducer (Travis part # 98900165) to the fireplace.
  NOTE: When using 6-5/8" (168mm) diameter vent, make sure to accommodate the 3" (76mm) clearance above the vent for the first 48" (1219mm) of rise (see vent clearances on page 21). Standard firestops do not include this clearance.

  * Other vent may be approved with this fireplace. Check with the vent manufacturer for details.

- Always use the high-wind cap (or high-wind sconce cap, part # 58DVA-HSCH or 46DVA-HSCH).
- Installation instructions for Simpson Dura-Vent may be found at www.duravent.com



Vent Installation



- Slide the vent sections together and turn 1/4 turn until the sections lock in place.
- Screws are not required to secure the vent. However, three screws may be used to secure vent sections together if desired.
- High temperature sealant is recommended at the appliance starter section connection (use high-temperature silicone or Mill-Pac®).
- If disassembly is required, at time of re-assembly check to see if the vent creates a tight fit. If it does not, apply high temperature sealant to the joints of the affected sections.
- Horizontal sections require a 1/4" (6mm) rise every 12" (305mm) of travel
- Horizontal sections require non-combustible support every three feet (e.g.: plumbing tape)

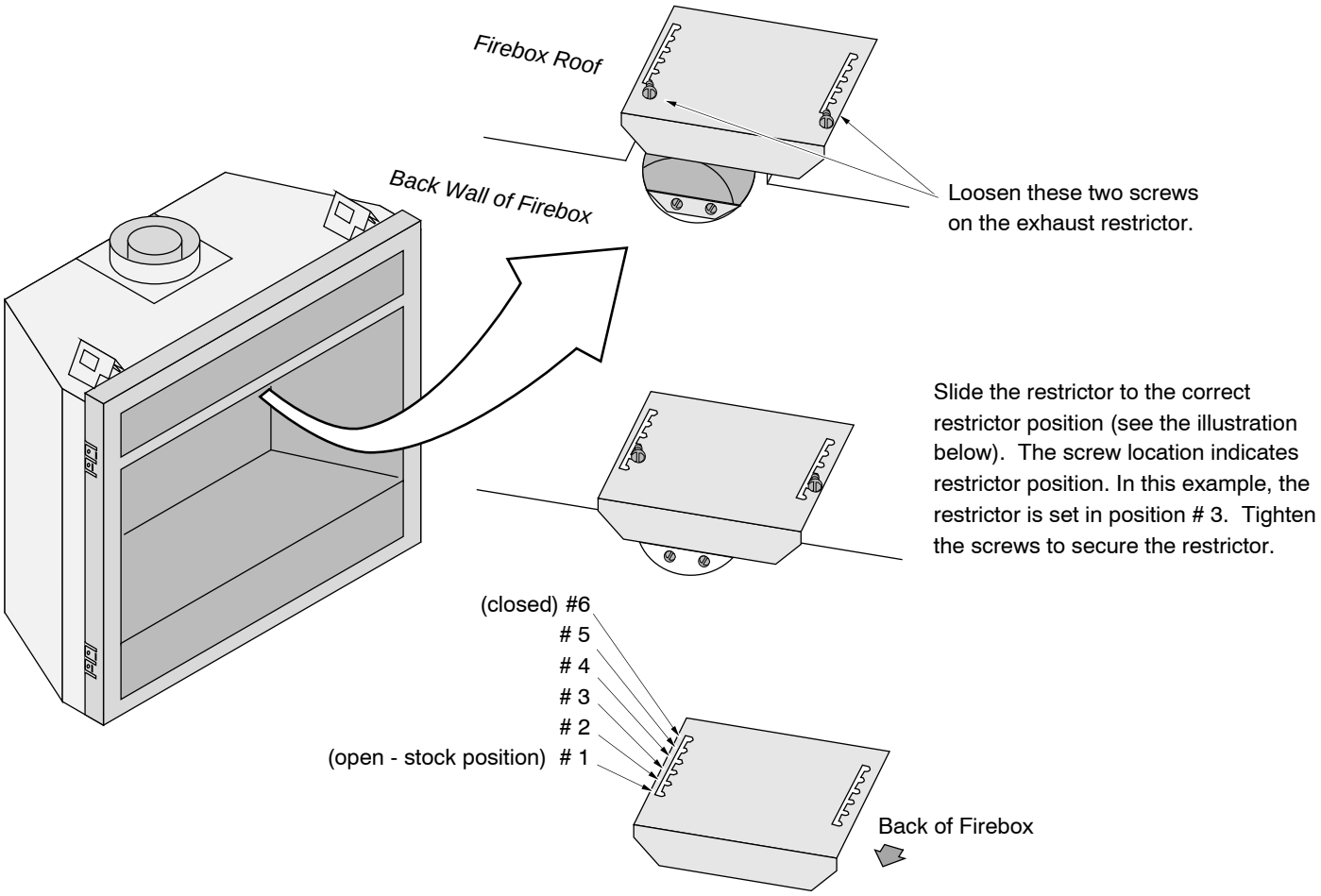
Approved Vent Configurations

Restrictor Position

- Intake and exhaust restrictors are built into the appliance to adjust the flow rate of intake air and exhaust gases. Depending upon the vent configuration, you may be required to adjust the restrictor positions. The charts for acceptable vent configurations detail the correct vent restrictor positions.

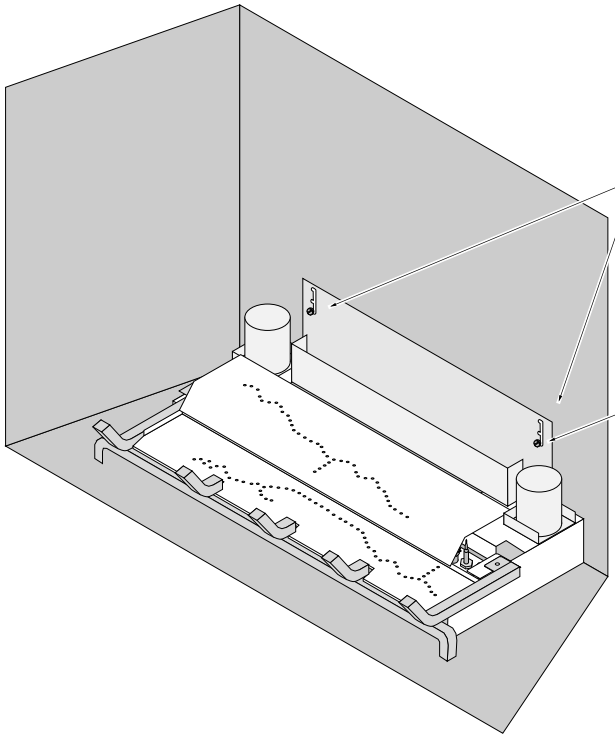
Exhaust Restrictor Adjustment

If the diffuser is required to be in position # 2, you may wish to adjust the diffuser while the exhaust restrictor is removed.


Firebox Roof
Back Wall of Firebox
Loosen these two screws on the exhaust restrictor.
Slide the restrictor to the correct restrictor position (see the illustration below). The screw location indicates restrictor position. In this example, the restrictor is set in position # 3. Tighten the screws to secure the restrictor.
(closed) #6
5
4
3
2
(open - stock position) # 1
Back of Firebox

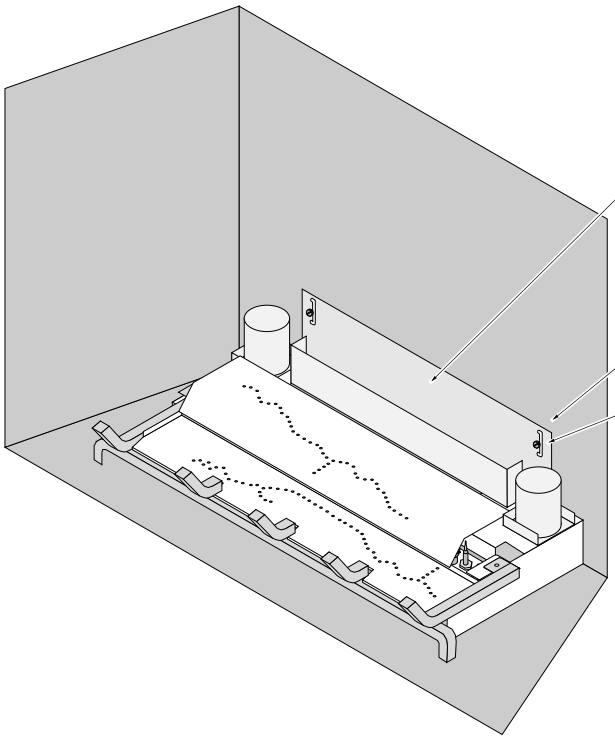
Intake Restrictor Adjustment

The intake restrictor is located behind the accent light, on the back wall of the firebox. To adjust the restrictor, follow the steps below:



Loosen the two screws holding the intake restrictor in place..

Position # 1 (open)



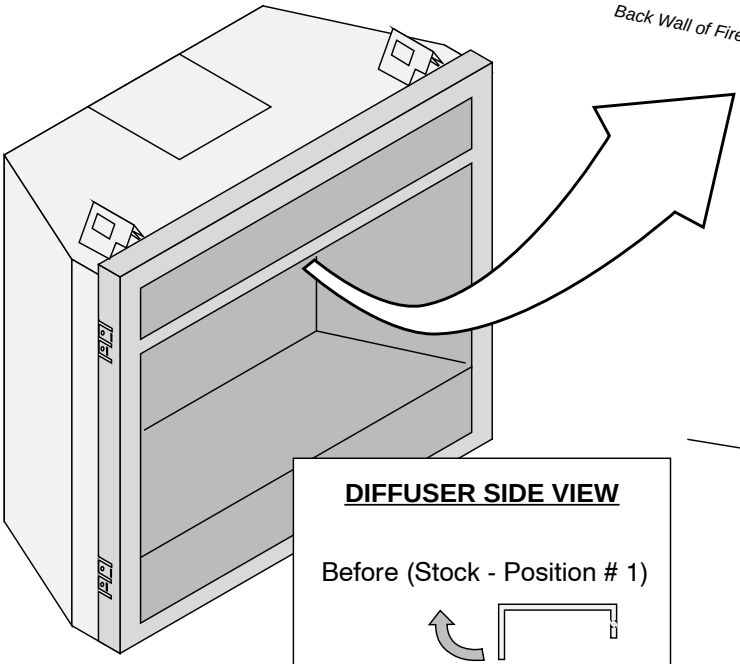
Slide the restrictor down to the second position and tighten the screws.

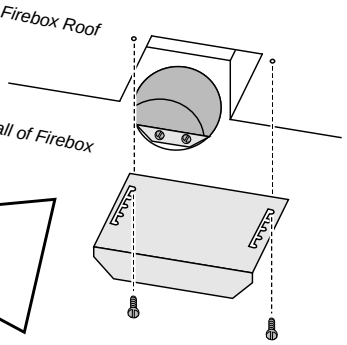
Position # 3 (not used)

Position # 2 (open)

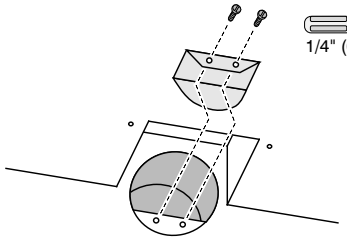
Diffuser Plate Adjustment

Certain vent configurations require the diffuser plate to be adjusted (refer to the approved vent configuration charts for details). Position # 1 is stock (bent). Position # 2 is flattened. See the directions below to change the diffuser to position #2.





Remove the exhaust restrictor.



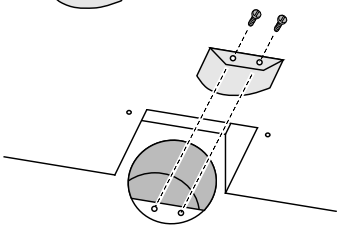
Remove the diffuser.

DIFFUSER SIDE VIEW

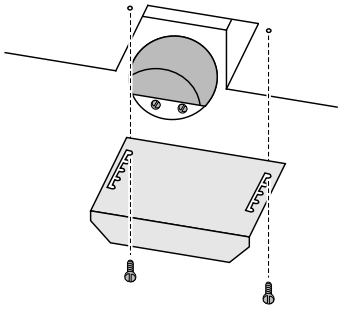
Before (Stock - Position # 1)

After (Position # 2)

Bend the round portion of the diffuser so it is flat (position # 2).



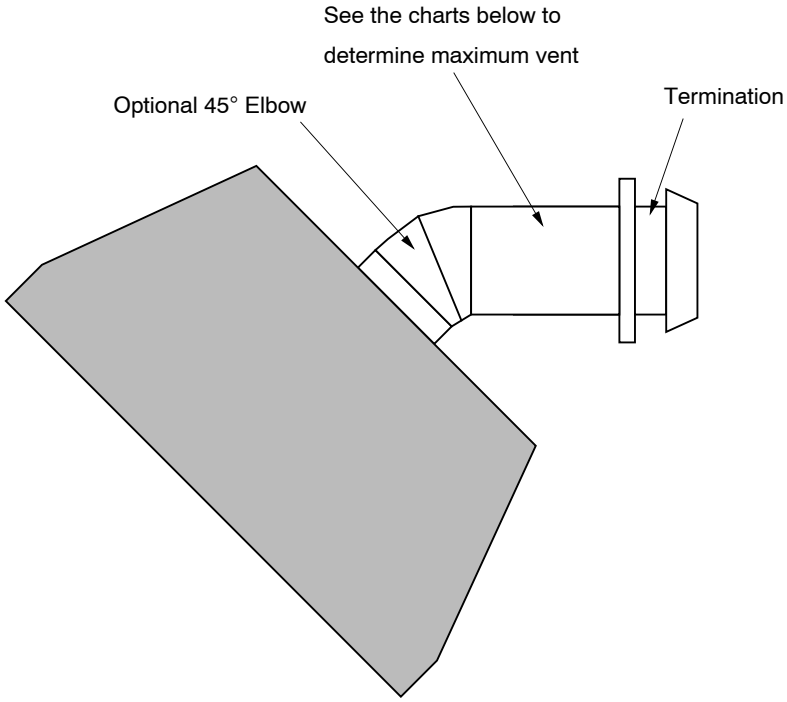
Secure the flattened diffuser plate with the screws removed earlier.



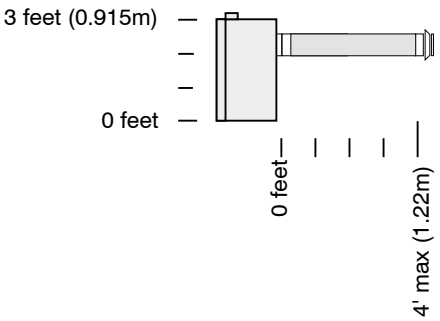
Replace the exhaust restrictor (see “Exhaust Restrictor Adjustment” for restrictor settings).

Rear Vent Configuration with Horizontal Termination (no vertical rise)

- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.



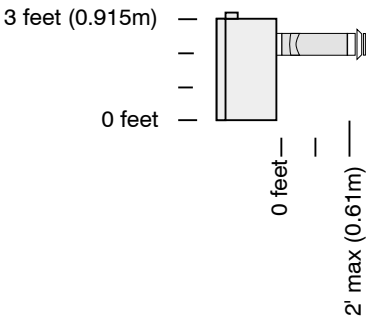
Vent with No 45° Elbow



- Exhaust Restrictor # 1 (stock)
- Intake Restrictor # 1 (stock)
- Diffuser Position # 1 (stock)

• Min. 4" (102mm) Horizontal Section
• Max.48" (1219mm) Horizontal Section(s)

Vent with 1 45° Elbow

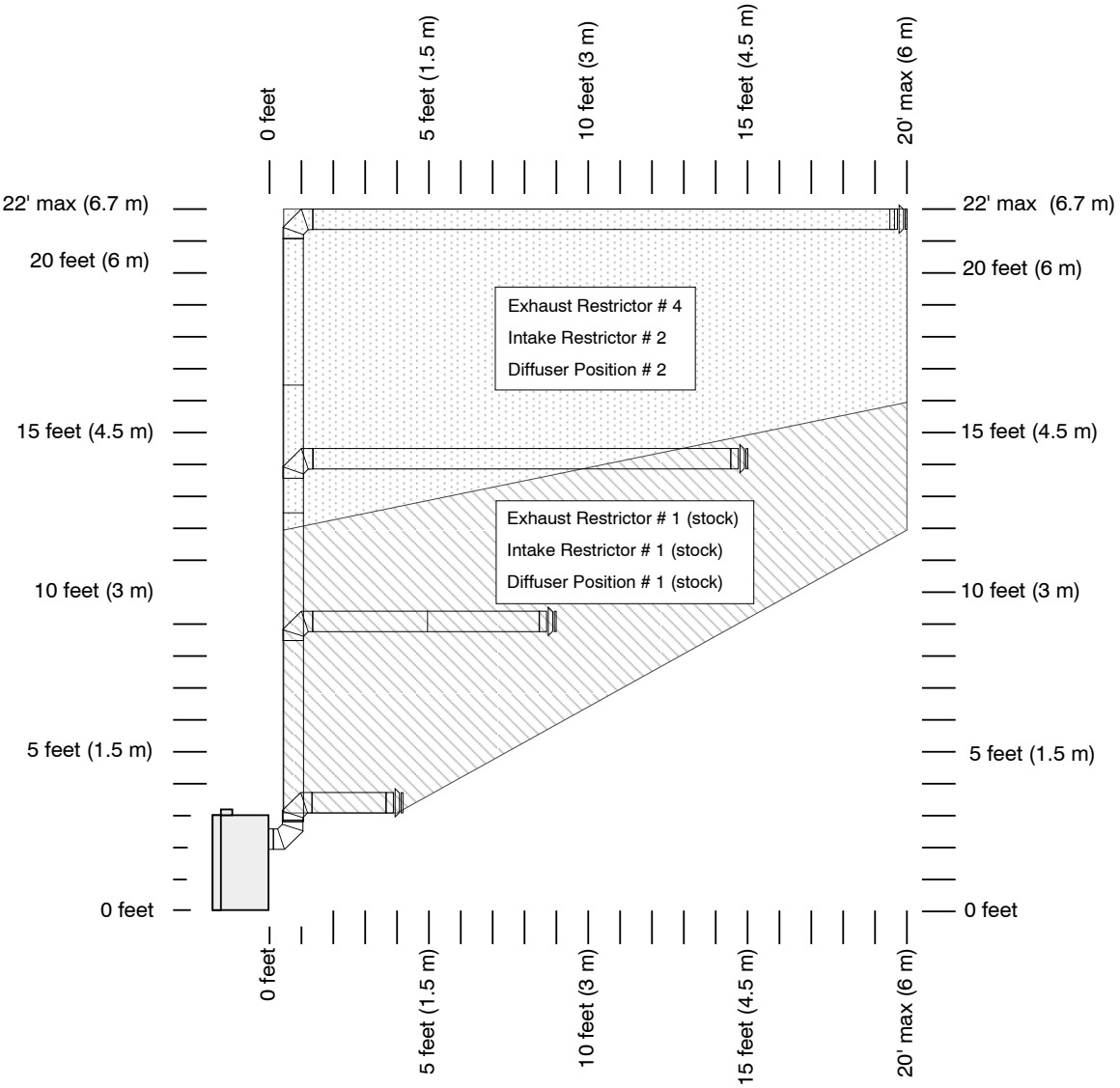


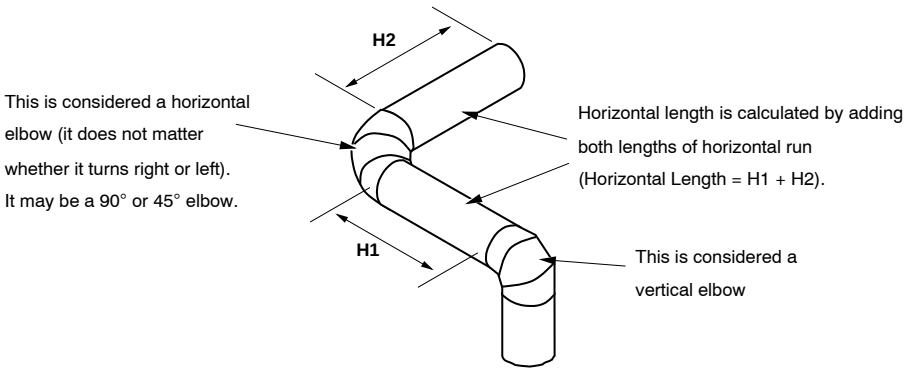
- Exhaust Restrictor # 1 (stock)
- Intake Restrictor # 1 (stock)
- Diffuser Position # 1 (stock)

• Min. 4" (102mm) Horizontal Section
• Max. 24" (610mm) Horizontal Section(s)

Rear Vent Configuration with Horizontal Termination (with vertical rise)

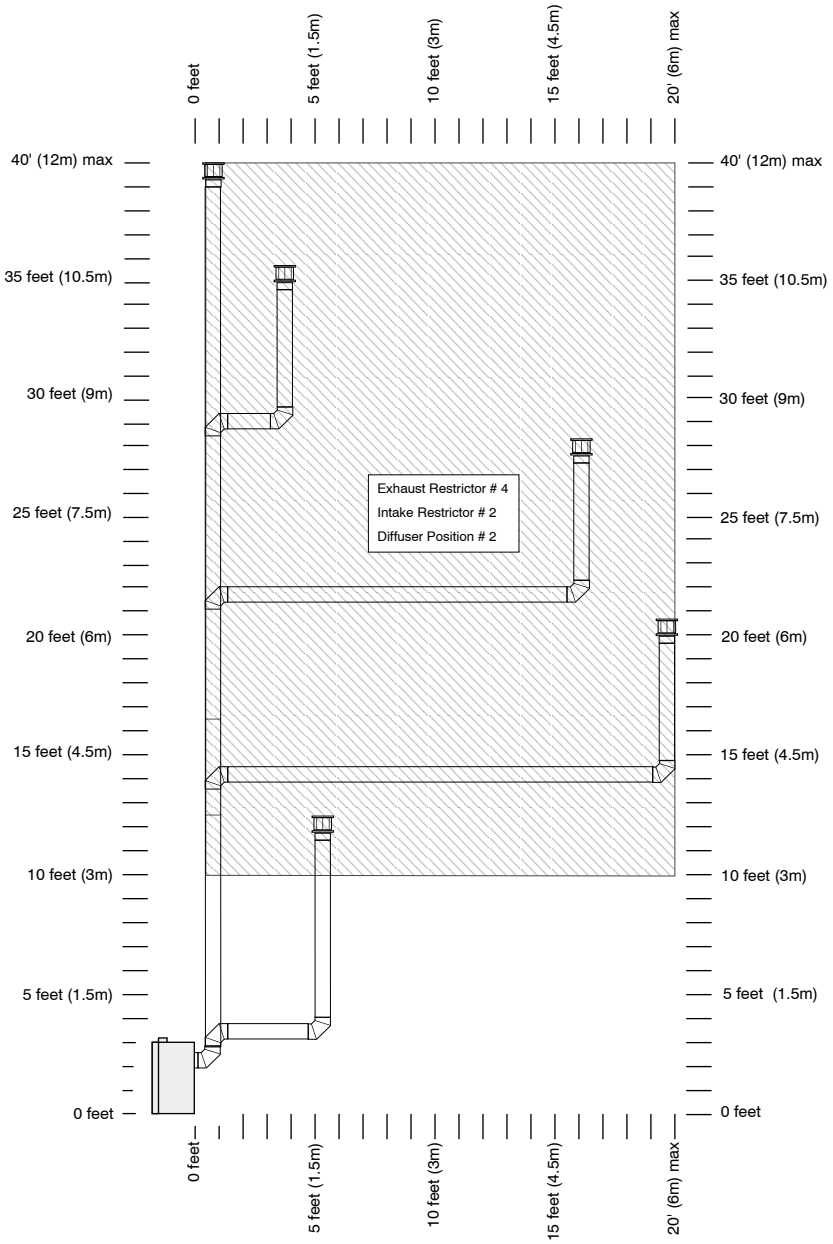
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- Only one horizontal elbow may be used.

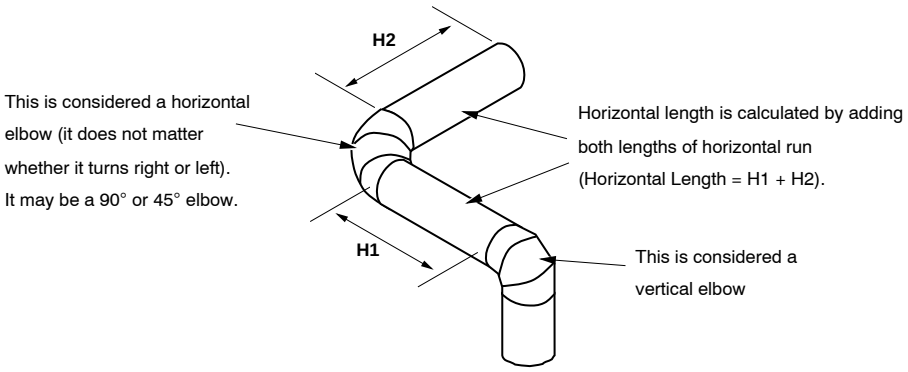



H2
H1
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
This is considered a vertical elbow

Rear Vent Configuration with Vertical Termination

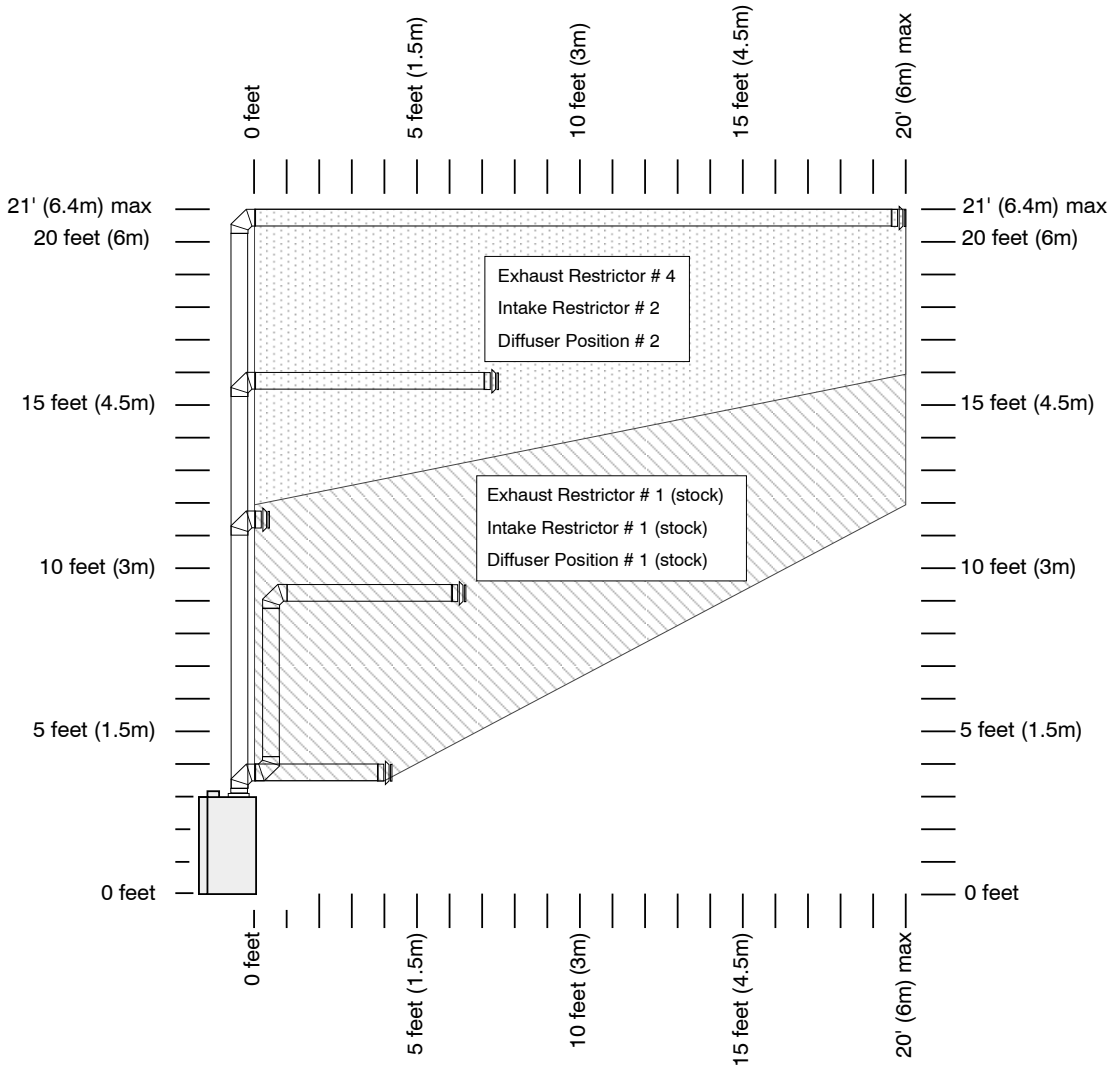
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- Only one horizontal elbow may be used.

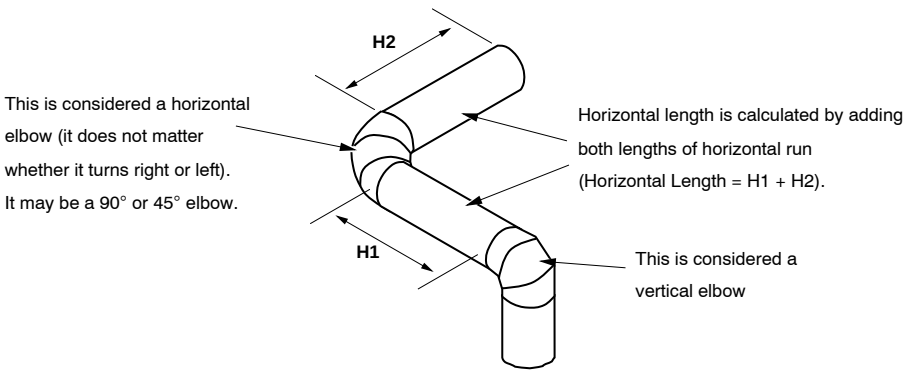



H2
H1
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
This is considered a vertical elbow

Top Vent Configuration with Horizontal Termination

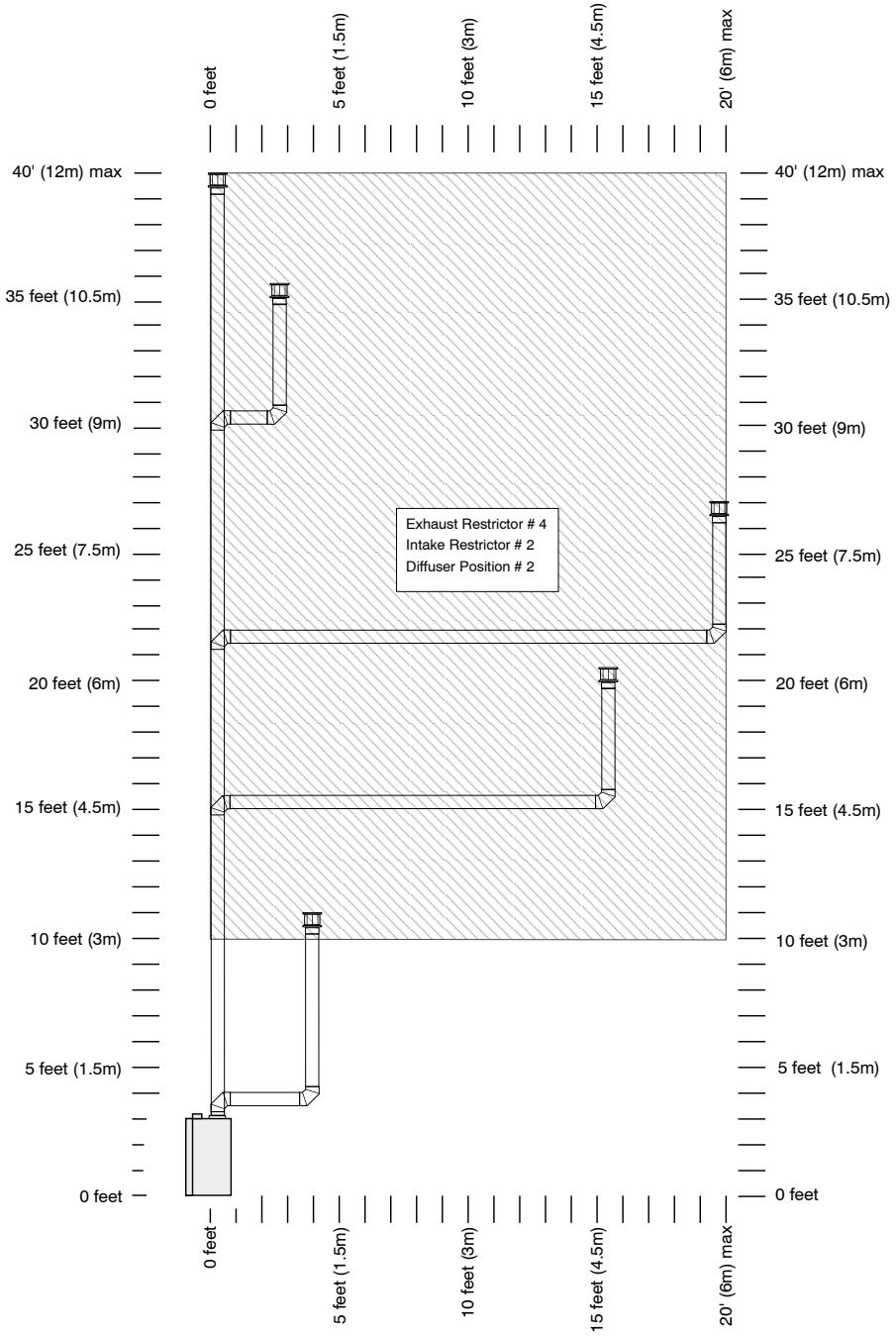
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- May use 8" (203mm) or 6-5/8" (168mm) diameter vent (see page for 21 details).
- Only one horizontal elbow may be used.

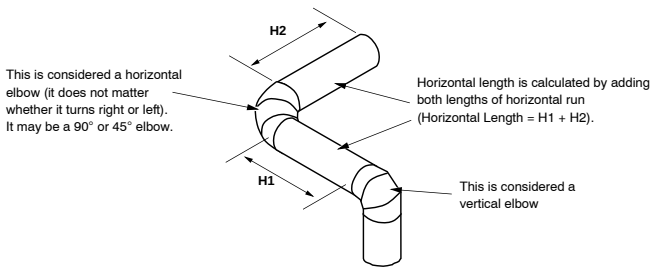



H2
H1
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
This is considered a vertical elbow

Top Vent Configuration with Vertical Termination

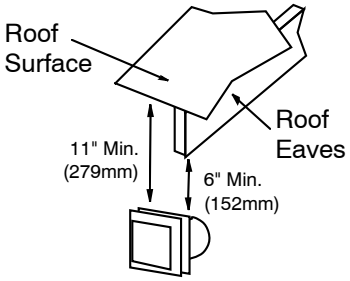
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- Only one horizontal elbow may be used.
- May use 8" (203mm) or 6-5/8" (168mm) diameter vent (see page for 21 details).




H2
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
H1
This is considered a vertical elbow

Termination Requirements

! Venting terminals shall not be recessed into a wall or siding.



A Minimum 9" (229mm) clearance from any door or window

B Minimum 12" (305mm) above any grade, veranda, porch, deck or balcony

C Minimum 1" (25mm) from outside corner walls
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

D Minimum 1" (25mm) from inside corner walls
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

E Minimum 11" (279mm) clearance below unventilated soffits or roof surfaces
Minimum 18" (457mm) clearance below ventilated soffits
Minimum 6" (152mm) clearance below roof eaves
NOTE: Vinyl surfaces require 24" (610mm)
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

F Minimum 12" (305mm) clearance below a veranda, porch, deck or balcony
NOTE: Permitted only if veranda, porch, deck, or balcony is fully open on a minumum of two sides beneath the floor.
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

G Minimum 48" (1219mm) clearance from any adjacent building

H Minimum 84" (2134mm) clearance above any grade when adjacent to public walkways or driveways
NOTE: may not be used over a walkway or driveway shared by an adjacent building

I Minimum 9" (229mm) clearance to any nonmechanical air supply inlet to the building or the combustion air inlet to any other appliance.

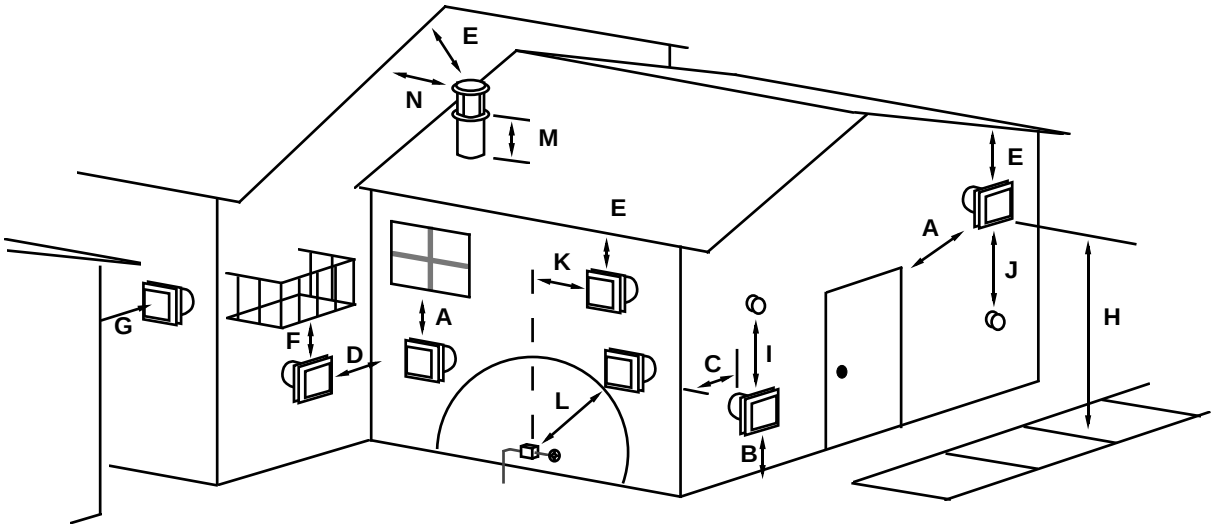
J Minimum 36" (914mm) clearance above any mechanical air supply inlet if within 10' (3M) horizontally

K Minimum 36" (914mm) from the area above the meter/regulator (vent outlet) - this extends 15' (4.5M) above the regulator
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

L Minimum 36" (914mm) from the meter/regulator (vent outlet)
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

M Minimum 12" (305mm) above the roof line (for vertical terminations)

N Minimum 24" (610mm) horizontal clearance to any surface (such as an exterior wall) – for vertical terminations

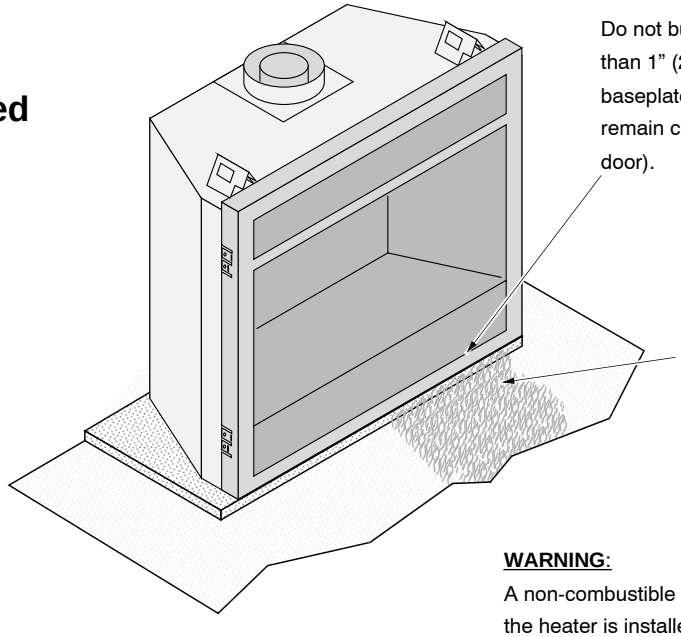


NOTE: Measure clearances to the nearest edge of the exhaust hood.

- Use the vinyl siding standoff when installing on an exterior with vinyl siding.
- Vent termination must not be located where it will become plugged by snow or other material

Hearth Requirements

Floor Mounted Fireplaces



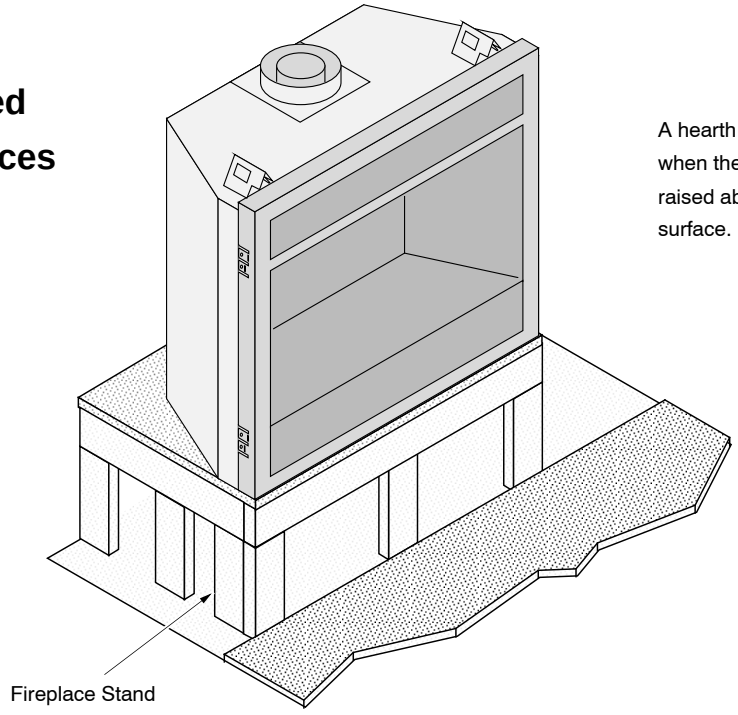
Do not build a hearth more than 1" (25mm) above the baseplate (this area must remain clear for the access door).

If installed near carpet or other combustible flooring, the fireplace must be raised so the base of the unit is above the carpet surface or flooring material.

WARNING:

A non-combustible hearth is not required. However, if the heater is installed next to the floor, we recommend a hearth to protect the flooring surface from discoloration or other negative impact from the heater.

Raised Fireplaces



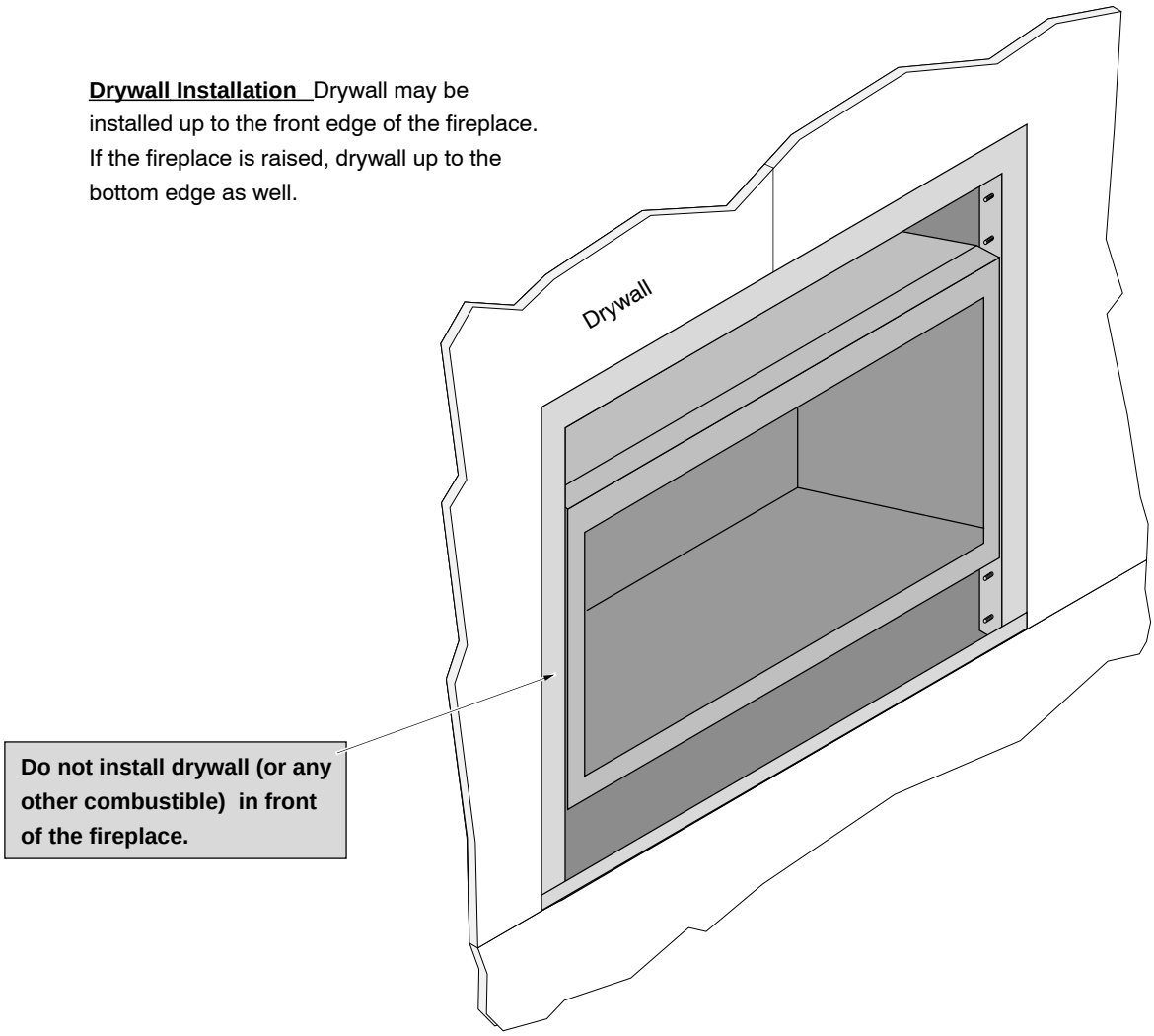
A hearth is not required when the fireplace is raised above the flooring surface.

Facing Requirements

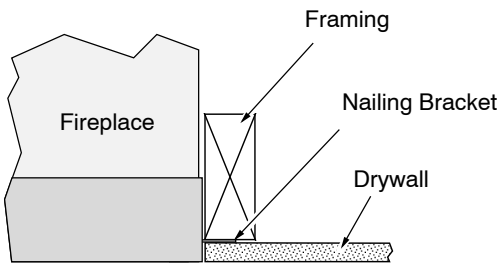
- This appliance is designed to allow for drywall (or other combustible facing) to contact the sides and top of the front of the fireplace.
- Tile or other non-combustible facing may be placed on the front of the fireplace (see "Facing Overview" on page 34 for further details).

Drywall Installation

Drywall Installation Drywall may be installed up to the front edge of the fireplace. If the fireplace is raised, drywall up to the bottom edge as well.



TOP VIEW



Facing Overview

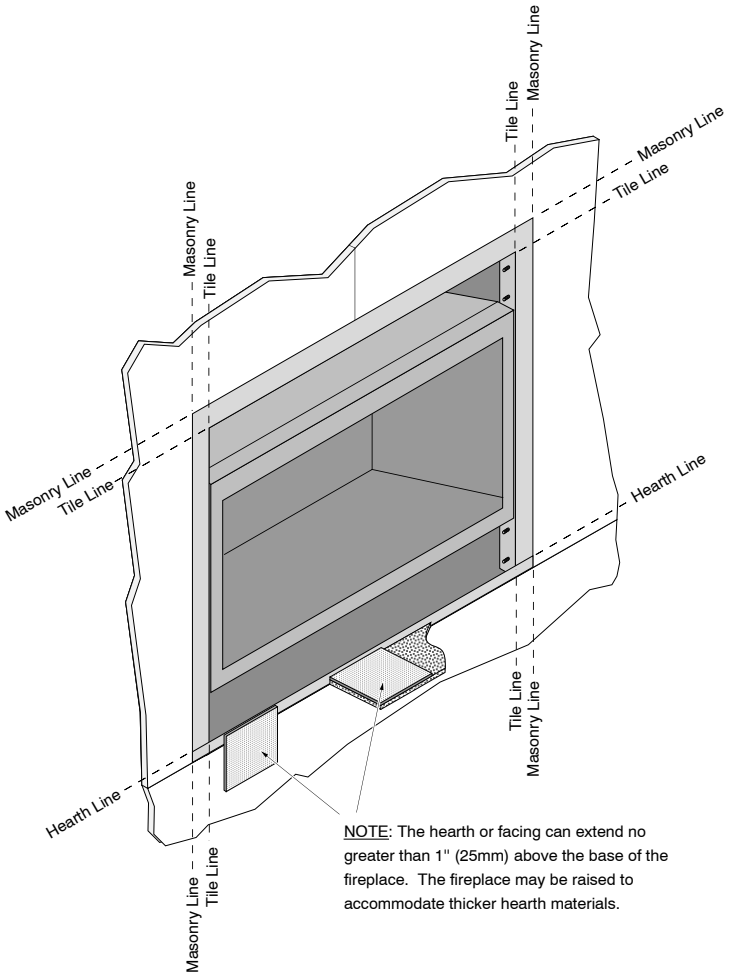
Upgrade faces are available for this fireplace and may influence facing installation. Consult with your Travis Dealer if you are using an upgrade face.

Optional non-combustible facing may be installed on the fireplace. Use the guidelines below to determine the location (also see the following pages for detailed diagrams.

Tile Line Any non-combustible facing under 1" (25mm) thick (see "Thin Facing" on page 35).

Masonry Line Any non-combustible over 1" (25mm) thick (see "Thick Facing" on page 37).

Hearth Line Non-combustible hearth/facing should be installed up to this location (1" (25mm) above the base of the fireplace). The fireplace may be raised to accommodate thicker hearth materials.

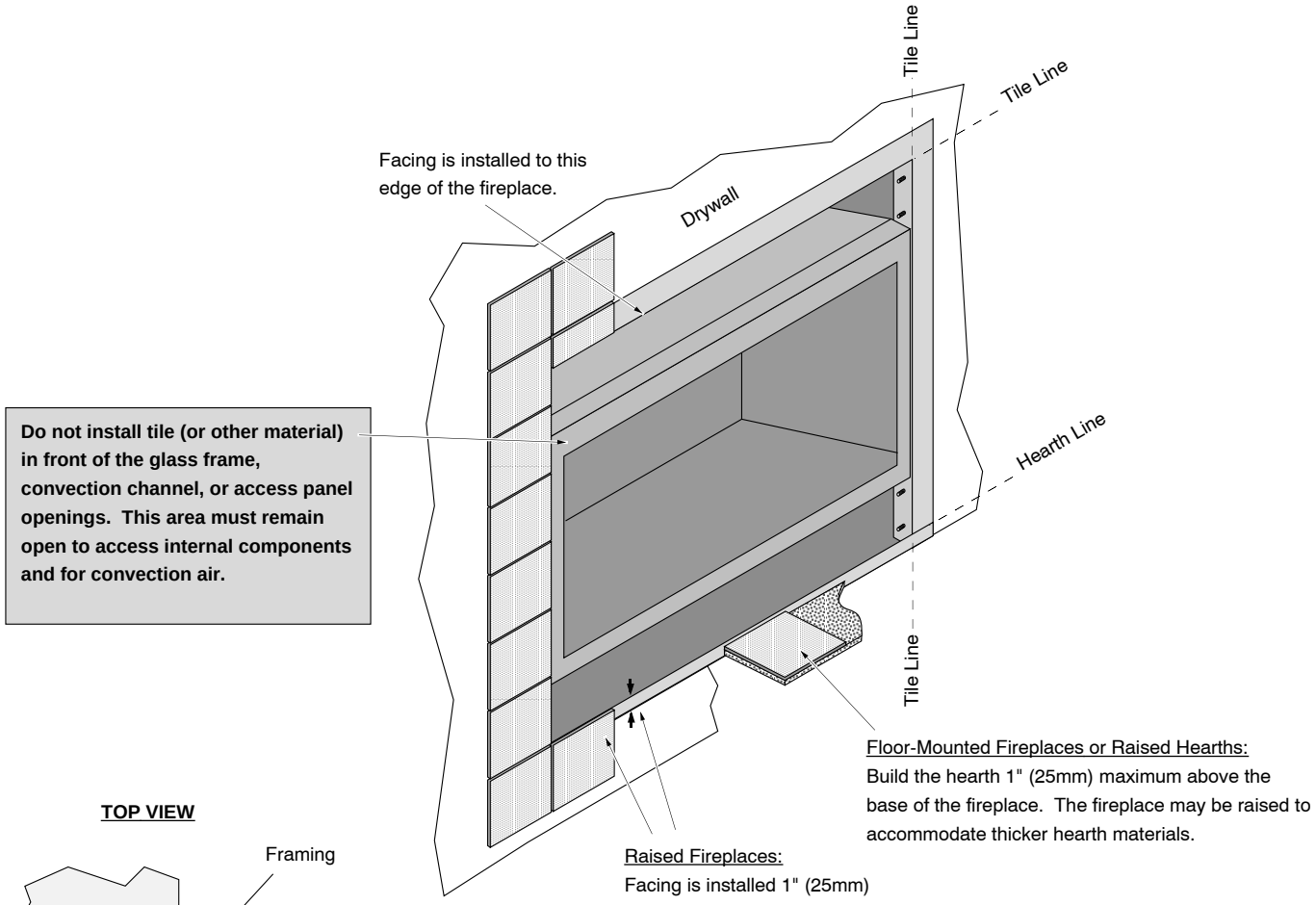


Optional Faceplates – Sizing Chart

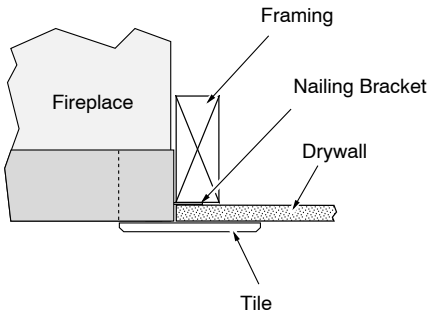
Name	Height	Width	Notes
FPX Artisan, Classic, Fr Ctry	35-3/4" (908mm)	41" (1041mm)	45-3/4" (1162mm) Radius – May fit over top of tile facing
Winthrop Victorian Lace	34-1/8" (867mm)	36-7/8" (937mm)	Optional facing will butte to edge of faceplate (tile line)
Wilmington Hearthview	35-3/4" (908mm)	41" (1041mm)	May fit over top of tile facing
Winthrop Bungalow	34" (864mm)	36-7/8" (937mm)	Optional facing will butte to edge of faceplate (tile line)

Thin Facing Installation (tile, marble, or other non-combustible under 1" (25mm) thick)

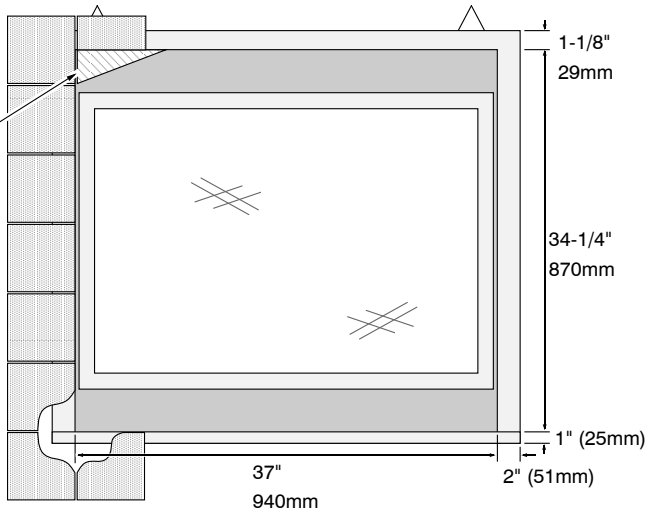
Upgrade faces are available for this fireplace and may influence facing installation. Consult with your Travis Dealer if you are using an upgrade face.


Tile Line
Tile Line
Facing is installed to this edge of the fireplace.
Drywall
Hearth Line
Tile Line
Do not install tile (or other material) in front of the glass frame, convection channel, or access panel openings. This area must remain open to access internal components and for convection air.
Floor-Mounted Fireplaces or Raised Hearths:
Build the hearth 1" (25mm) maximum above the base of the fireplace. The fireplace may be raised to accommodate thicker hearth materials.
Raised Fireplaces:
Facing is installed 1" (25mm) maximum above the base of the fireplace.

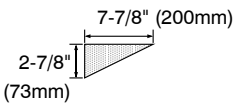
TOP VIEW



FRONT VIEW

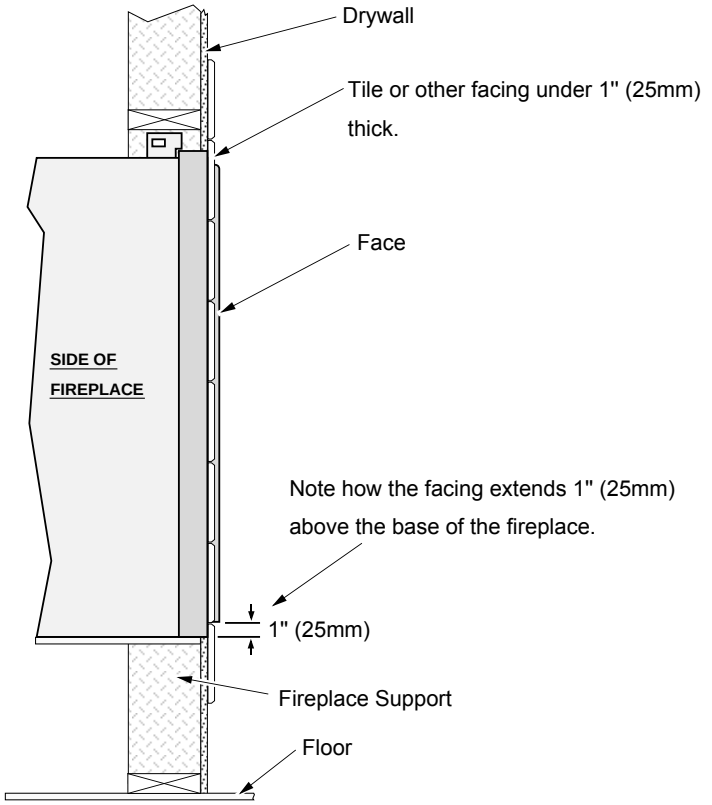


NOTE FOR FPX FACES:
FPX arched faces require the FPX Face Upgrade Kit (sku 98500686) and a triangular piece of facing in these upper corners. See the instructions included with the face for further details.

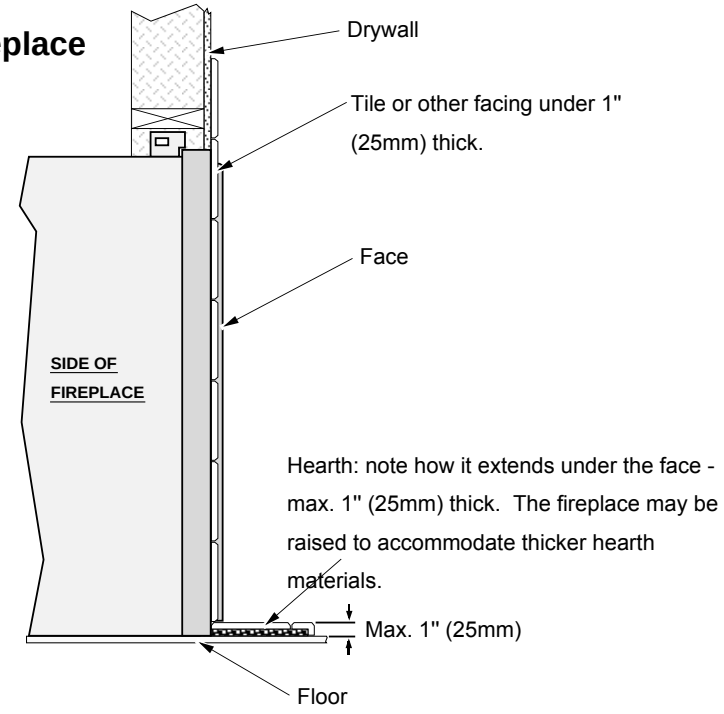


Thin Facing Installation (tile, marble, under 1" (25mm) thick) - Side View

Raised Fireplace (with no Hearth)

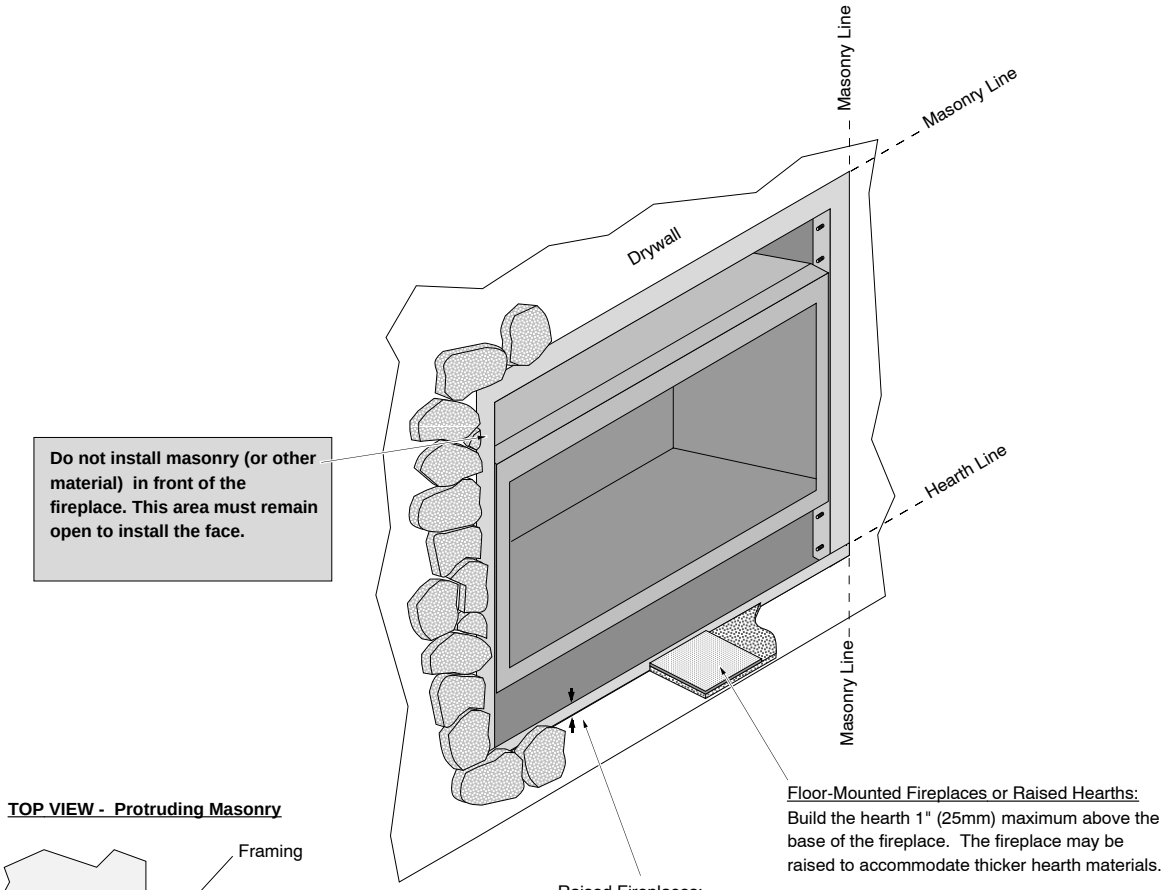


Floor-Mounted Fireplace (with Hearth)

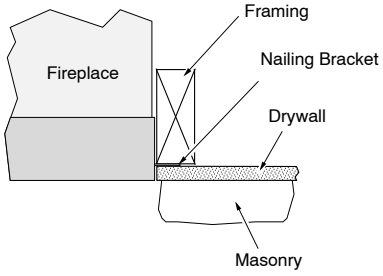

Drywall
Tile or other facing under 1" (25mm) thick.
Face
SIDE OF FIREPLACE
Hearth: note how it extends under the face - max. 1" (25mm) thick. The fireplace may be raised to accommodate thicker hearth materials.
Max. 1" (25mm)
Floor

Thick Facing Installation (stone, brick, or other non-combustible over 1" (25mm) thick)

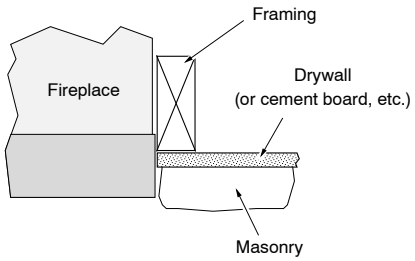
If using a Fireplace Xtrordinair (FPX) arched face, see "Thick Facing with a Fireplace Xtrordinair Arched Faces" on page 38.


Masonry Line
Masonry Line
Drywall
Hearth Line
Masonry Line
Do not install masonry (or other material) in front of the fireplace. This area must remain open to install the face.
Floor-Mounted Fireplaces or Raised Hearths:
Build the hearth 1" (25mm) maximum above the base of the fireplace. The fireplace may be raised to accommodate thicker hearth materials.
Raised Fireplaces:
Masonry is installed 1" (25mm) maximum above the base of the fireplace.

TOP VIEW - Protruding Masonry

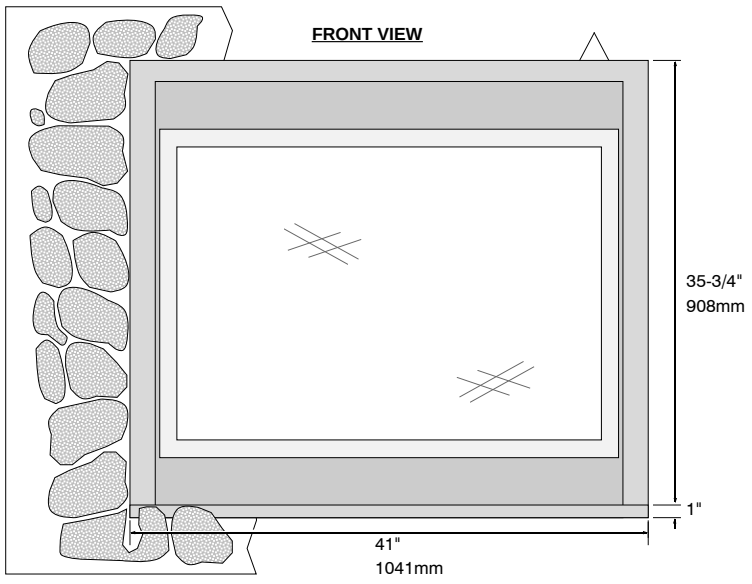


TOP VIEW - Recessed Masonry



NOTE: The nailing brackets are not used for this type of installation - secure the fireplace to the floor with the brackets along the base of the fireplace.

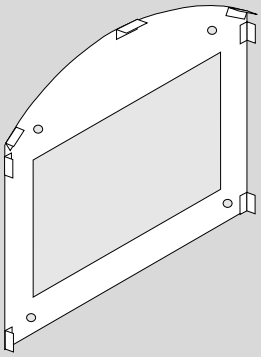
FRONT VIEW



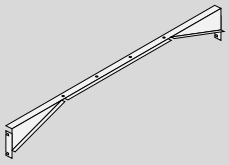
Thick Facing with Fireplace Xtrordinair (FPX) Arched Faces

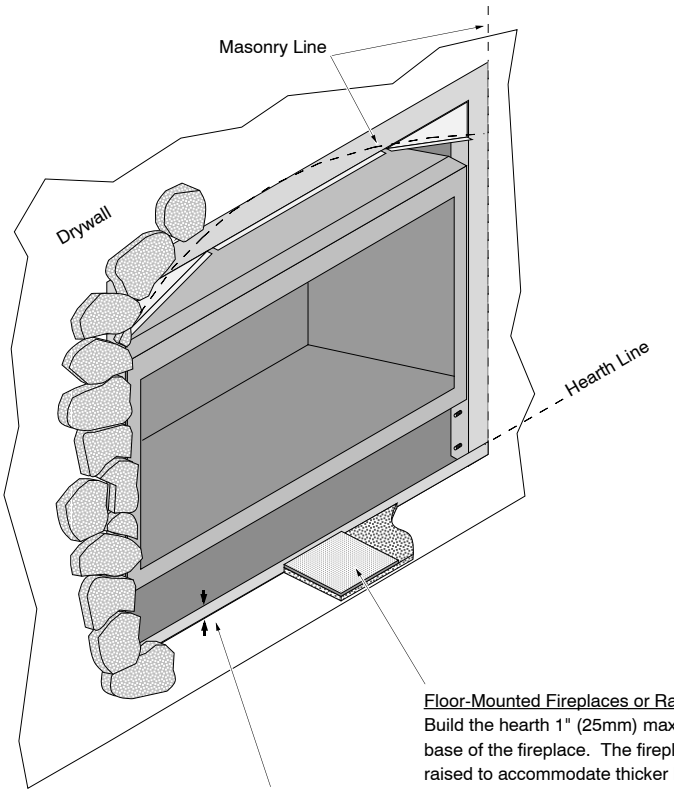
The following illustration shows facing considerations for those fireplaces utilizing FPX arched faces. The facing must be non-combustible and over 1" (25mm) in depth.

The Fireplace Xtrordinair 864 Masonry Template is recommended for masonry installation (sku 98500688). The template helps locate and support the masonry as it being installed.



Before installing masonry, install the FPX Face Upgrade Kit (98500686). This covers the upper corners.

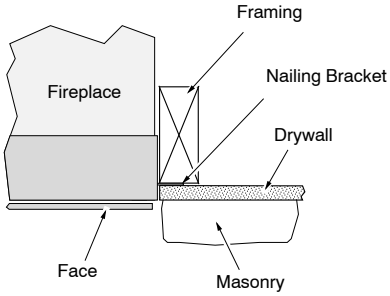




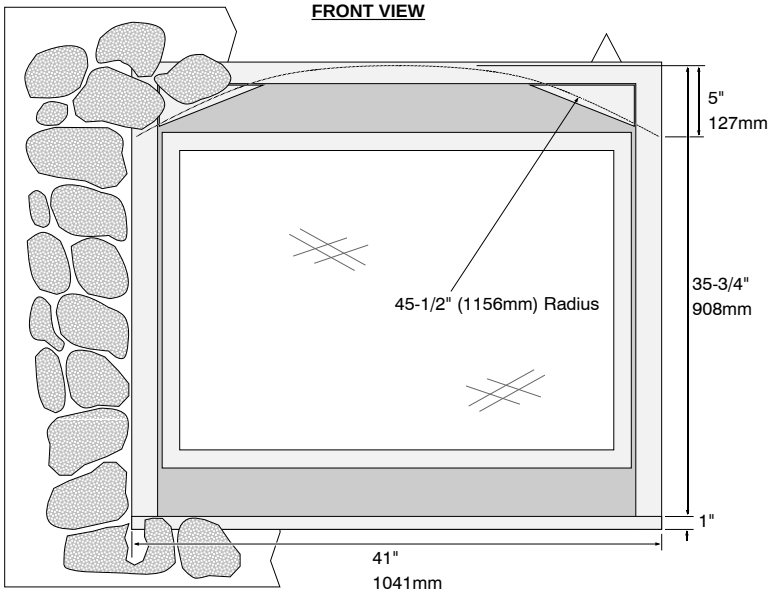
Floor-Mounted Fireplaces or Raised Hearths:
Build the hearth 1" (25mm) maximum above the base of the fireplace. The fireplace may be raised to accommodate thicker hearth materials.

Raised Fireplaces:
Masonry is installed 1" (25mm) maximum above the base of the fireplace.

TOP VIEW

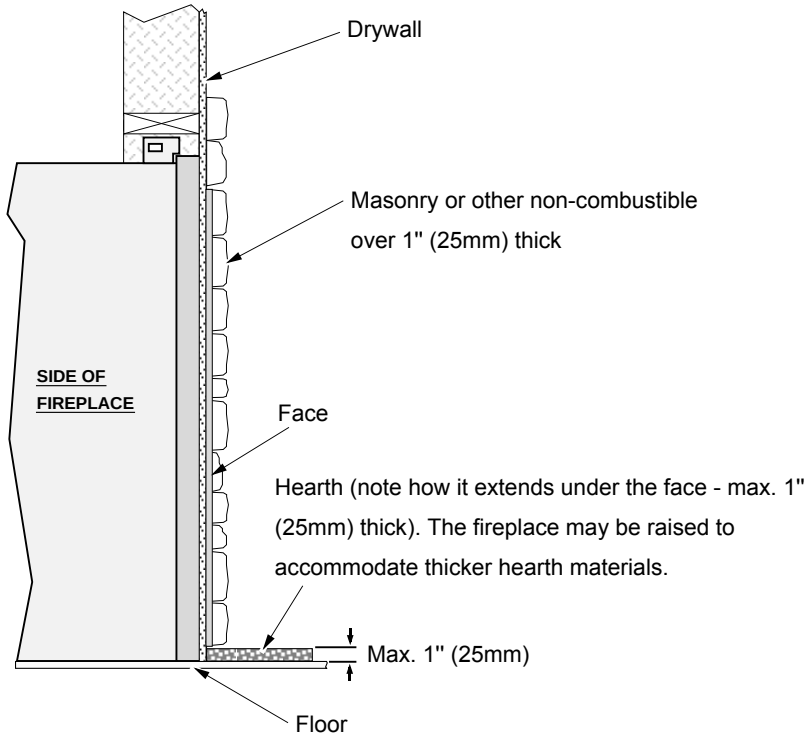


FRONT VIEW

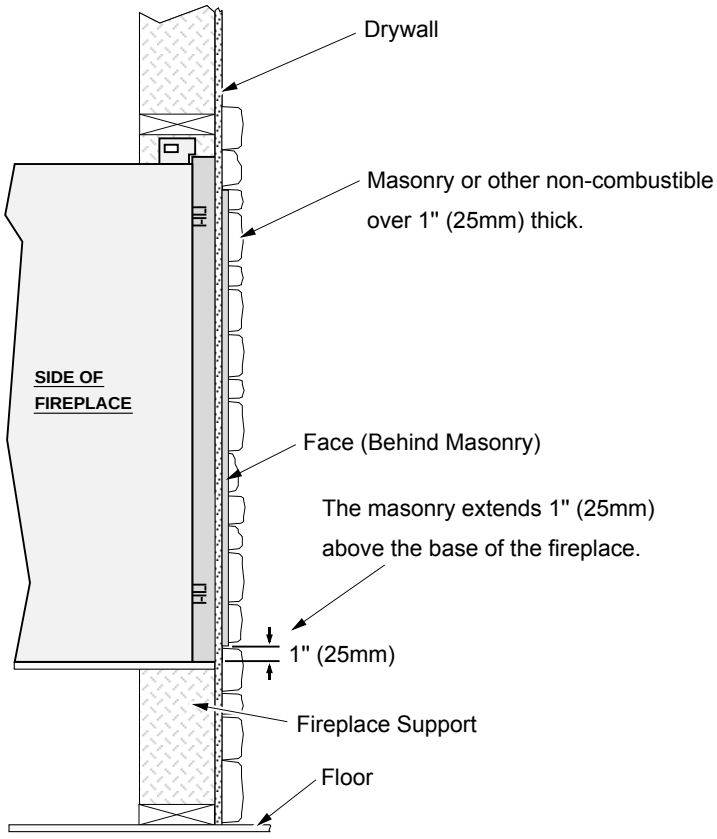


Thick Facing Installation - Side View

Floor-Mounted Fireplace (with Hearth)


Drywall
Masonry or other non-combustible over 1" (25mm) thick
SIDE OF FIREPLACE
Face
Hearth (note how it extends under the face - max. 1" (25mm) thick). The fireplace may be raised to accommodate thicker hearth materials.
Max. 1" (25mm)
Floor

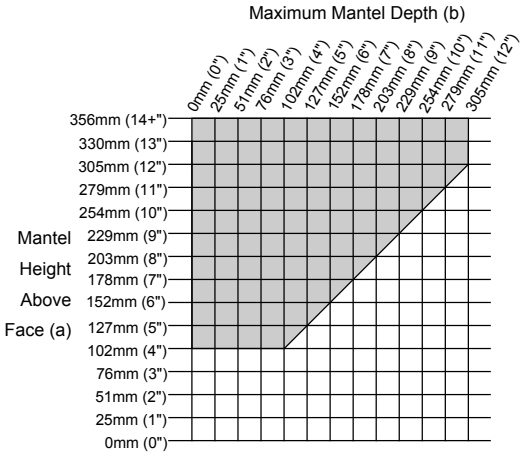
Raised Fireplace (with no Hearth)

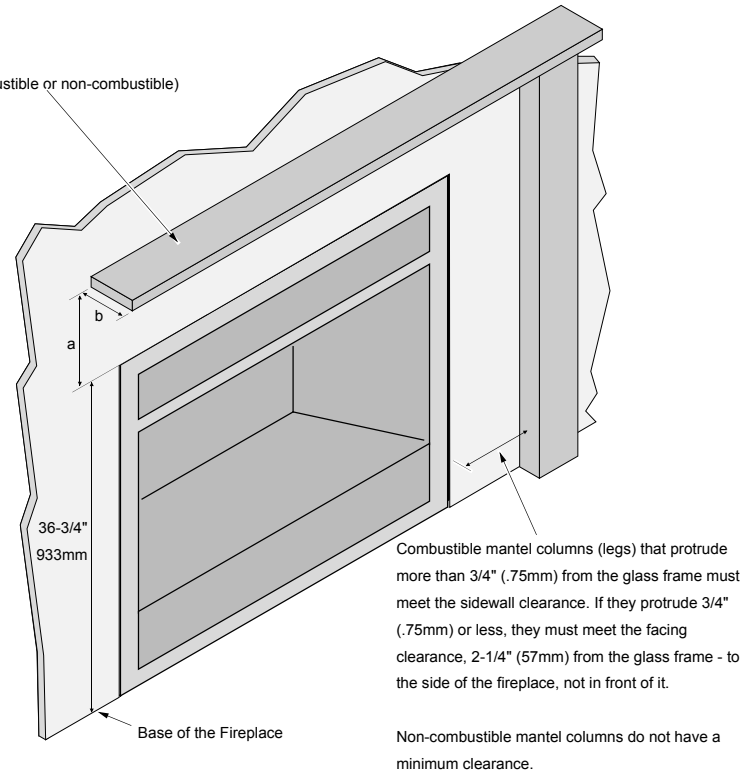


Mantel Requirements

- Use the table below to determine the maximum mantel depth allowed. The mantel depth (measured from the face of the fireplace) must fall in the shaded portion of the table.

- Any material that protrudes more than 3/4” (19mm) from the non-combustible facing is considered a mantel and must meet the mantel requirements.



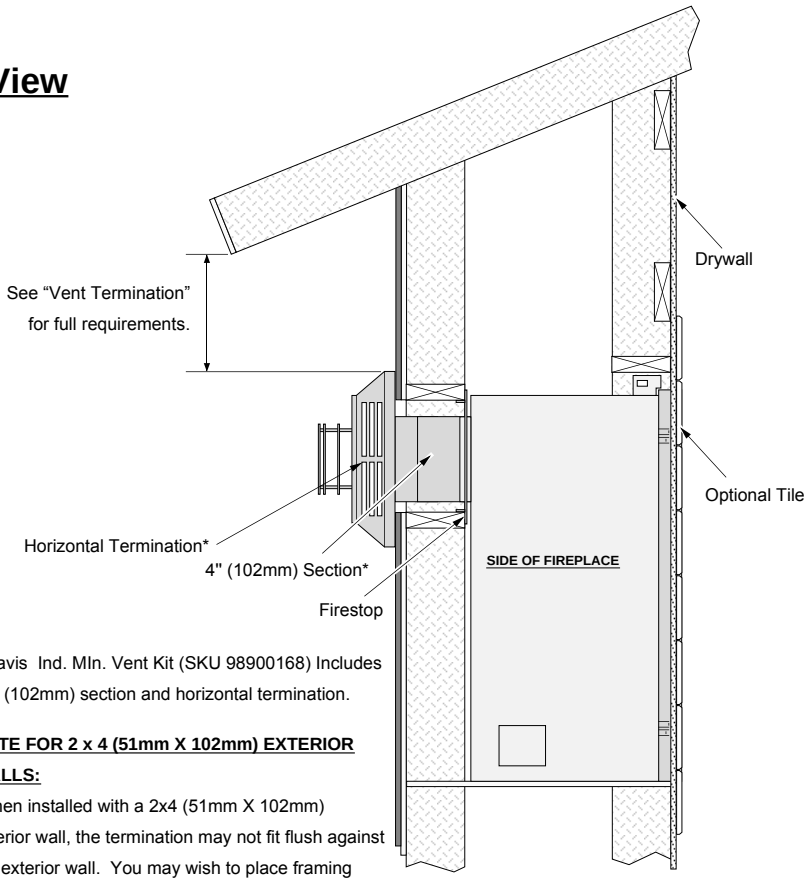

Mantel
(combustible or non-combustible)
b
a
36-3/4"
933mm
Base of the Fireplace
Combustible mantel columns (legs) that protrude more than 3/4" (.75mm) from the glass frame must meet the sidewall clearance. If they protrude 3/4" (.75mm) or less, they must meet the facing clearance, 2-1/4" (57mm) from the glass frame - to the side of the fireplace, not in front of it.
Non-combustible mantel columns do not have a minimum clearance.

Examples: • If you wish to have an 8" (203mm) deep mantel, it must be at least 8" (203mm) above the fireplace face which is 44-3/4" (1137mm) above the base. • If you wish to have a mantel 6" (152mm) above the fireplace face, it must be no deeper than 6" (152mm).

Installation Example - Build-Out (Dog-House) with Hor. Termination

- The framing, facing, and other building materials depicted below are for example only. Refer to local building codes for framing, facing, and insulating requirements in your area.

Side View



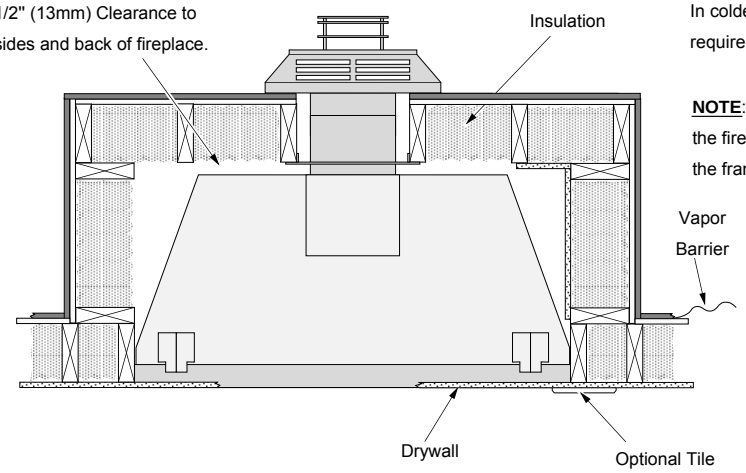
* Travis Ind. MIn. Vent Kit (SKU 98900168) Includes a 4" (102mm) section and horizontal termination.

NOTE FOR 2 x 4 (51mm X 102mm) EXTERIOR WALLS:

When installed with a 2x4 (51mm X 102mm) exterior wall, the termination may not fit flush against the exterior wall. You may wish to place framing around the termination to fill the gap.

Top View

NOTE:
1/2" (13mm) Clearance to sides and back of fireplace.



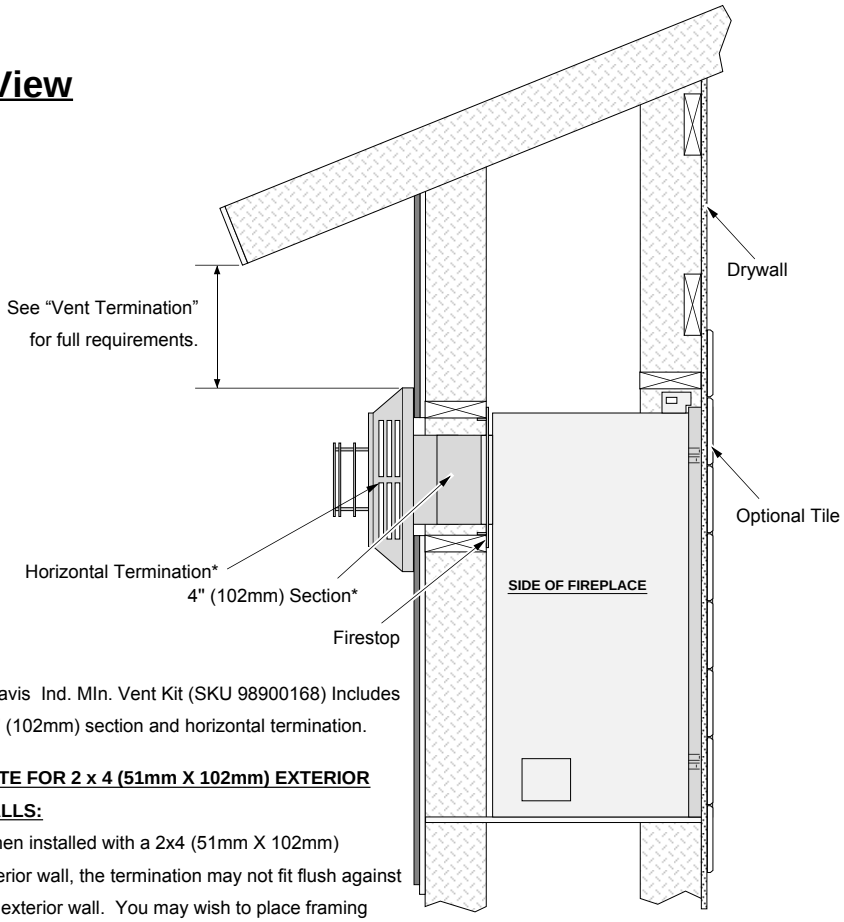
NOTE:
In colder climates the fireplace may require an insulated enclosure.

NOTE: If required to use drywall inside the firebox enclosure, make sure to alter the framing accordingly.

Installation Example - Build-In with Horizontal Termination

- The framing, facing, and other building materials depicted below are for example only. Refer to local building codes for framing, facing, and insulating requirements in your area.

Side View



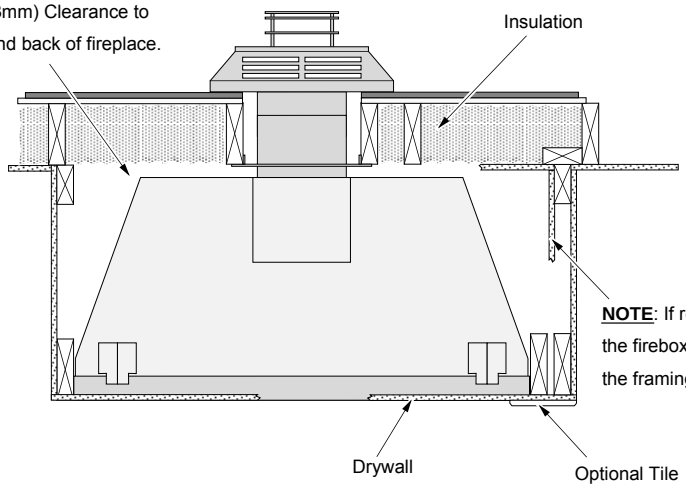
* Travis Ind. MIn. Vent Kit (SKU 98900168) Includes a 4" (102mm) section and horizontal termination.

NOTE FOR 2 x 4 (51mm X 102mm) EXTERIOR WALLS:

When installed with a 2x4 (51mm X 102mm) exterior wall, the termination may not fit flush against the exterior wall. You may wish to place framing around the termination to fill the gap.

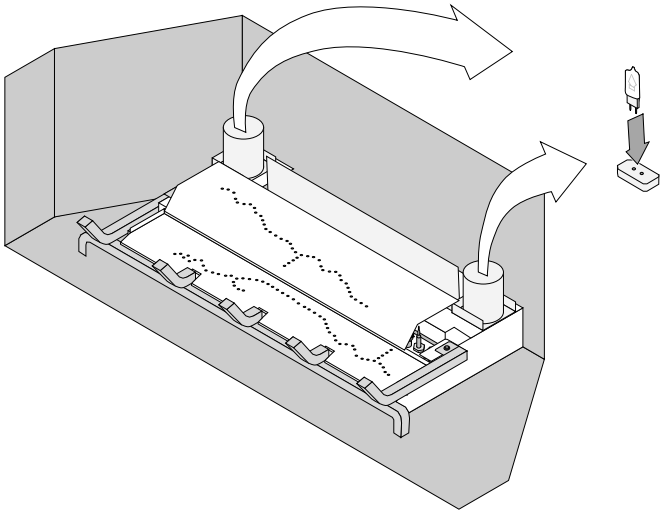
Top View

NOTE:
1/2" (13mm) Clearance to sides and back of fireplace.

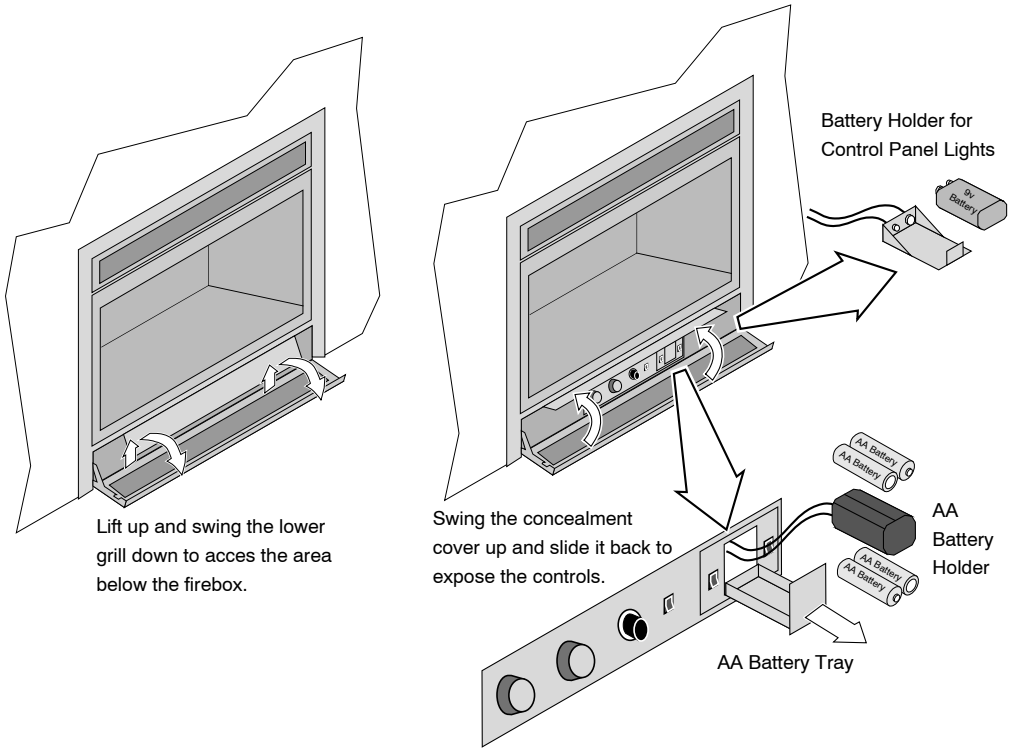

Insulation
NOTE: If required to use drywall inside the firebox enclosure, make sure to alter the framing accordingly.
Drywall
Optional Tile

Steps for Finalizing the Installation

1. Remove the glass (see page 45).
   NOTE: If using propane (LP) convert the appliance prior to installing the logs.
2. We recommend you purge the gas line at this time (with the glass removed). This allows gas to be detected once it enters the firebox, ensuring gas does not build up.
3. Make sure the two accent light bulbs are in place.
   NOTE: .Take care to not touch the bulb with your fingers (use a cloth or paper towel).



4. Install the four AA batteries (included in the owner's pack) into battery holder (see the illustration below). The AA batteries act as a power backup in case the household (AC) power goes out. Install the 9v battery (included in the owner's pack) into control panel light assembly (see the illustration below). The battery holder is held in place with Velcro and may be removed for easier access.

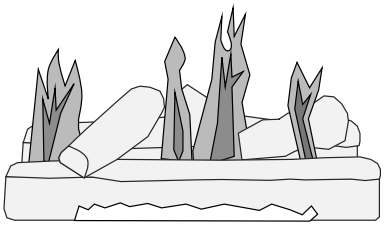

Battery Holder for
Control Panel Lights
9v Battery
Lift up and swing the lower grill down to acces the area below the firebox.
Swing the concealment cover up and slide it back to expose the controls.
AA Battery
AA Battery
AA Battery
AA Battery
AA Battery Holder
AA Battery Tray

5. Install the logs (see page 47).
6. Replace the glass.
7. Start the heater.
8. Leak test all gas joints.

9. Check the air shutter following the directions below.

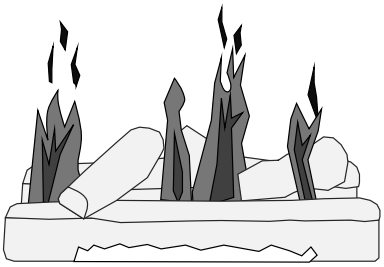
Air Shutter Adjustment

Let the heater burn for fifteen minutes (make sure the logs and glass are in place). The flames should be yellow with no sooting. Adjust the air shutter, if necessary, to achieve the correct looking flame.



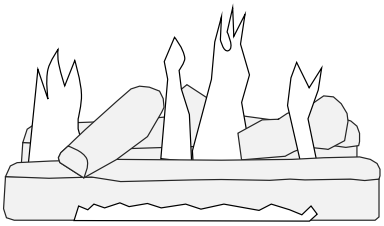
Correct

Flames should be blue at the base, yellow-orange on the top.



Not Enough Air

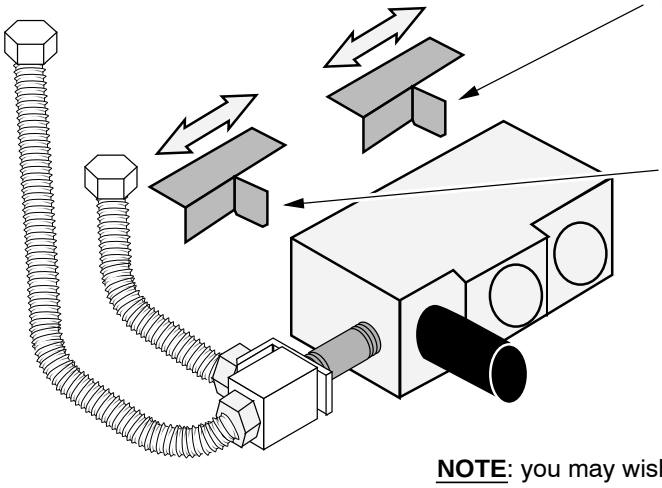
If the flames are too tall or sooty on the ends, open the air shutter.



Too Much Air

If the flames are all blue and short, close the air shutter.

Air Shutter Adjustment



Rear Burner Air Shutter Control

(GOLD)

Left = Less Air

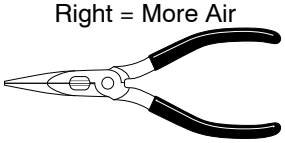
Right = More Air

Front Burner Air Shutter Control

(RED)

Left = Less Air

Right = More Air



NOTE: you may wish to use pliers to adjust the front air shutter. Typically, the front air shutter is fully closed (left) on NG, fully open (right) on LP

10. Turn the flame adjust knob to its highest position - the flames should not contact the top of the firebox. Check the flame on low position. The flames should burn off of each burner hole. If the heater does not work correctly, contact your Travis dealer for a remedy.
11. Give this manual to the home owner for future reference and fully explain operation of this heater. For comprehensive operating and maintenance instructions, refer to the Owner's Manual (part # 100-01219).

ACID WASH WARNING: Before installing the faceplate, make sure any masonry that has been treated with acid wash has been properly neutralized (this is used primarily with brick faces). Acid wash (muriatic acid) is used to remove excess mortar. If not properly neutralized with an ammonia solution, the plated face may develop a permanent tarnish when the acid evaporates over time. Contact your dealer if uncertain your facing has been properly neutralized.

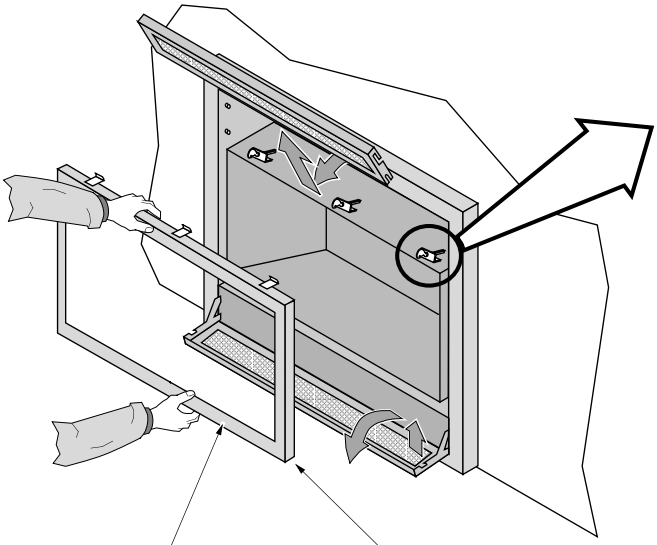
Glass Frame Removal and Installation

Warning: The appliance must be completely cool before removing the glass.

Warning: Do not strike or slam the glass.

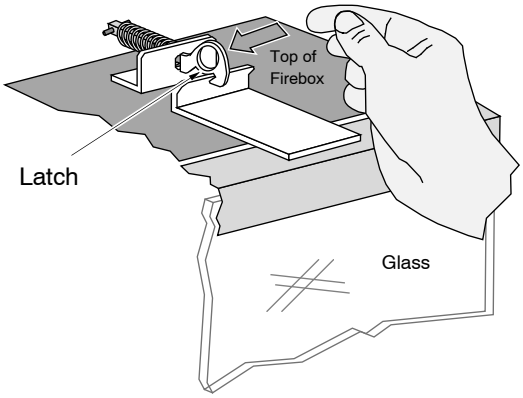
a Based upon the face being used, either:
(a) swing the access door down and remove the top grill,
(b) remove the face (unscrew or lift off - see the instructions included with the face for details).

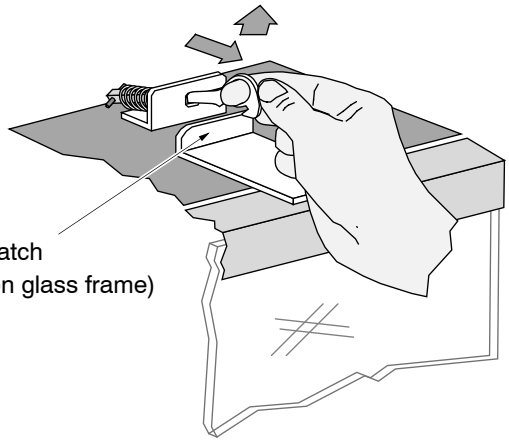
Open the six latches holding the glass frame in place (start with the bottom three) - follow the directions shown to the right.



b Lift the glass frame up and pull it forward to remove.

NOTE:
You may need to lift the glass frame while re-attaching.





Re-Attaching the Glass Frame:

a) Hang the glass frame on the firebox.

b) While holding in place, attach the upper latches
(follow the instructions above in reverse).

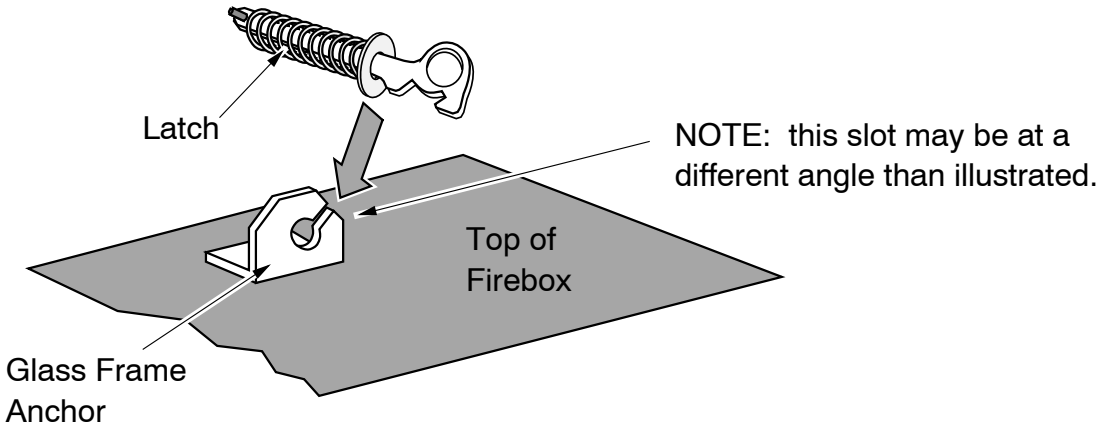
c) Lift the glass frame slightly and attach the lower latches.

NOTE: Make sure the glass frame is all the way in place - it should be flush with the front of the fireplace when installed.

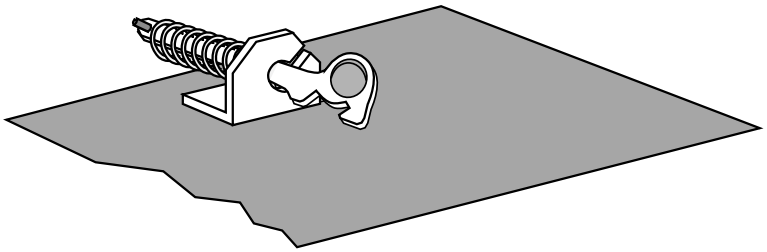
Glass Frame Removal and Installation (continued)

The latch can come loose from glass frame anchor. This occurs when it is turned 1/4 turn when it is disengaged. Follow the directions below to re-install the latch if it becomes loose.

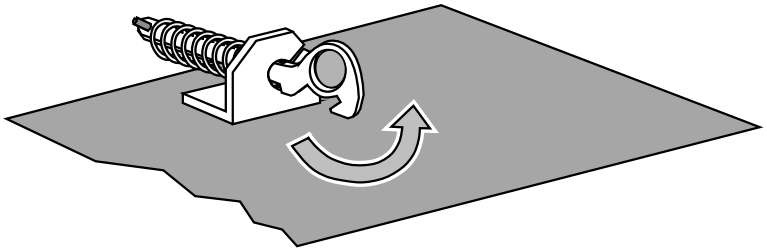
Hold the latch at an angle and insert it into the slot on the glass frame anchor.



Note how the washer on the latch fits behind the flange on the glass frame anchor.



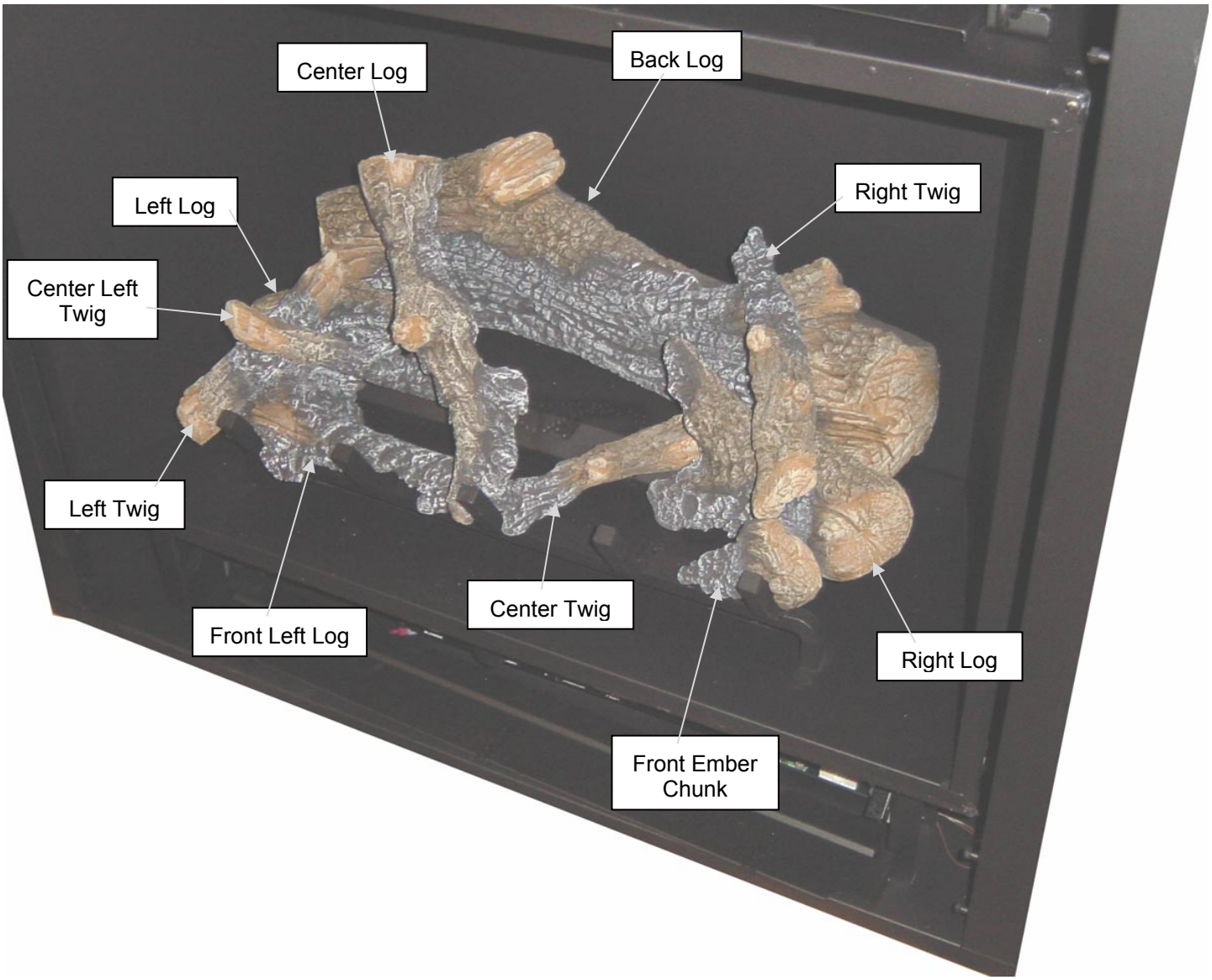
Once fully inserted, turn the latch until it is upright.



Log Set Installation

Log Set Overview

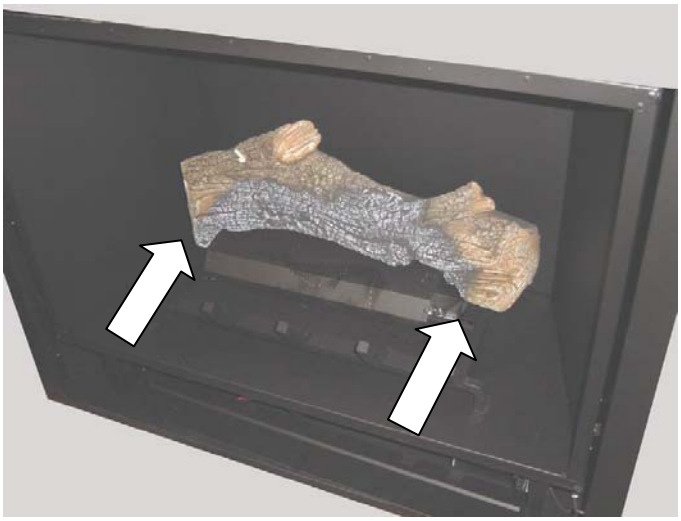
When installed, the ten (10) logs should appear as shown below. The directions on the following pages detail installation of this log set.



48 Finalizing the Installation (for qualified installers only)

Back Log

The back log has two pockets that insert over two tabs on the back burner (see photos below). Place the log in place and push it back. The log straddles the burner and does not cover any burner holes.



Right Log

The right log has a channel on the bottom that fits over the grate. Place the log in place and slide it to the rear.

Front Left Log

The front left log has a channel that fits over the grate. When in place the knob on the front of the log fits over the grate as well.

Left Log

The left log has a channel on the bottom. Place this channel over the grate. When in place, make sure the log is positioned so it does not block any burner holes.

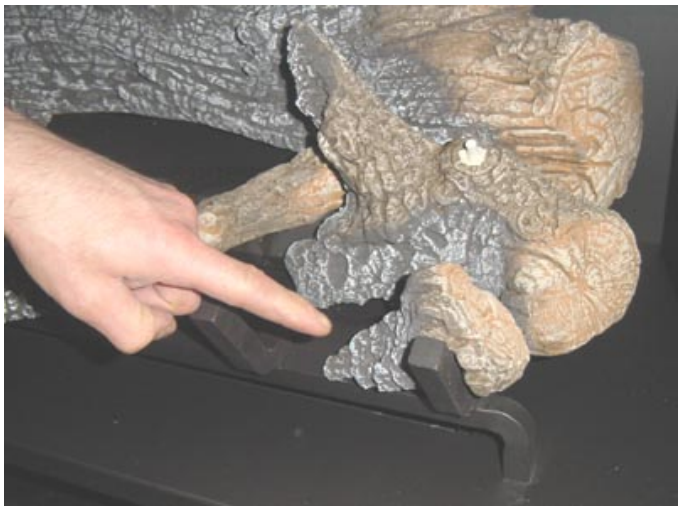
50 Finalizing the Installation (for qualified installers only)

Center Twig

The center twig is shown below. It has a pin on the bottom side. When in place, the fork on the front straddles the grate and the pin rests on the rear burner (make sure it is not over any burner holes).

Front Ember Chunk

The front ember chunk has a groove on the bottom that fits over the grate. Place it as shown below.



Left Twig

The left twig has a hole on the bottom that fits over the pin on the front left log. Place the twig as shown below. The front left log has a groove that will point the twig upwards and to the right.

Center Left Twig

The left center twig is flat on the bottom and has a fork at one end. Place the twig as shown below. Note how the twig rests in the groove in the front left log and the ford lies directly on the bend in the rear burner. Make sure the twig is positioned so it does not cover any burner holes.

52 Finalizing the Installation (for qualified installers only)

Center Log

The center log has a hole on the back and a fork on the front. Position the log so this fits over the pin on the back log. Make sure the fork on the front of the log fits over the grate as shown below.

Right Twig

The right twig has a hole on the bottom that fits over the pin on the right log. Position the twig so it rests on the back log as shown below.

Ember Installation

A bag of embers is provided to further enhance the firebox. Place the embers on the firebox floor and on the burner. Do not place embers over any of the burner holes or air channels.

LP Conversion Instructions

Install the conversion kit prior to installing the gas line to ensure proper gas use.

1 Remove the glass (see page 43). Remove the logs and embers (if installed - page 47)

2 Remove the burners following the directions below.

Lift the rear burner, slide it to the right, and lift it from the firebox. The burner has a bracket that inserts over two pins behind the burner. When replacing the burner make sure it is properly located.

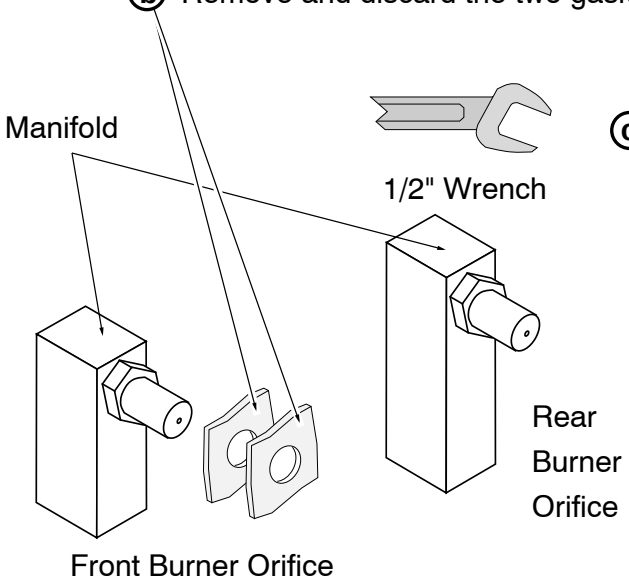
Lift the front burner, slide it to the right, and lift it from the firebox. When replacing the burner make sure it is properly located.

The rear burner air shutter support will need to be removed to access the orifice. Remove the support and place it aside.

3 Follow the directions below to replace the orifice.

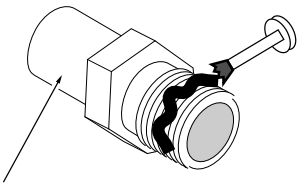
ⓐ Slide the air shutters to provide access to the orifices.

ⓑ Remove and discard the two gaskets on the front burner orifice.



ⓒ Use a 1/2" open end wrench to unscrew the two orifices.

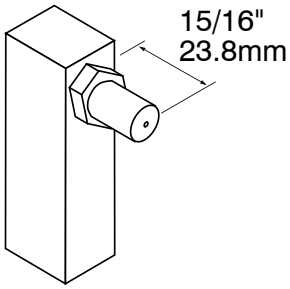
ⓓ Apply thread sealant to the LP orifices prior to installation. Use the chart below to identify the correct orifices.



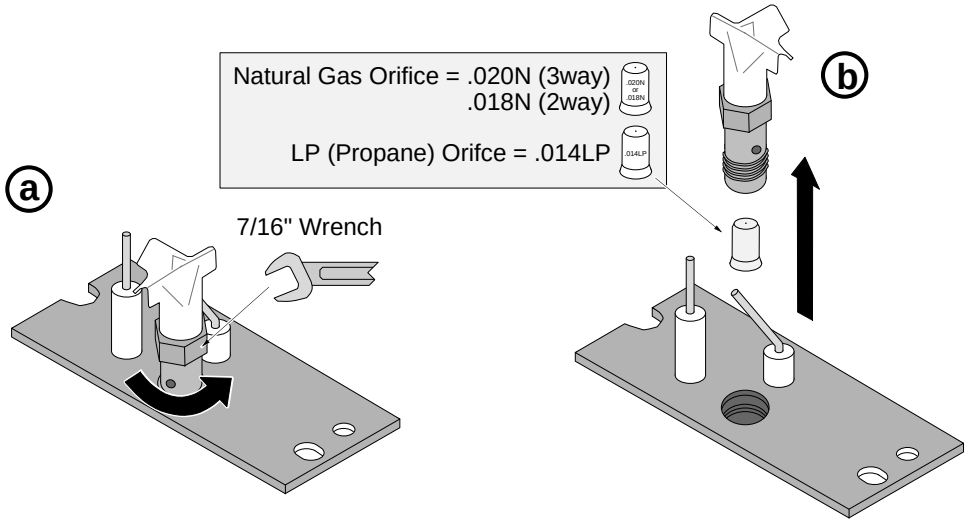
Look here for the orifice identification

	NG	LP
Front	#49	#56
Rear	#49	#57

ⓔ Screw each LP orifice in so the orifice protrudes 15/16" (23.8mm) (indicating full insertion).

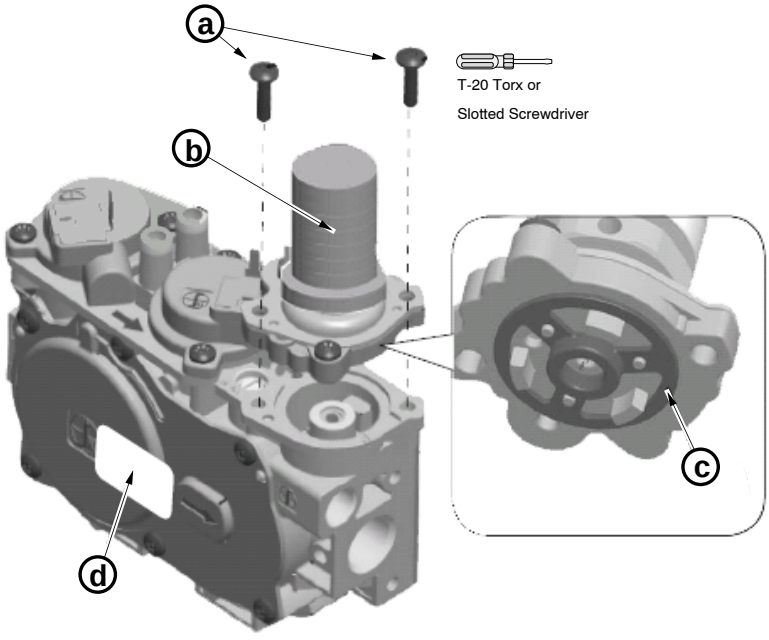


4 Install the LP pilot orifice following the directions below.
(a) Use a 7/16" open-end wrench to remove the pilot hood.
(b) Remove and discard the Natural Gas (NG) orifice. Place the LP orifice in the pilot assembly then replace the pilot hood, tightening the pilot hood until it is snug (do not over-tighten).



5 **Replace the firebox components.** Install the logs and embers. Replace the glass.

6 Remove and discard the screws (see "a" below) holding the stock regulator in place (see "b" below). Remove the stock regulator and gasket (see "c" below). Place the LP regulator in place, making sure the pre-fitted gasket (see"c" below) is in place. NOTE: There is a label on the base of the regulator knob indicating regulator type (NG or LP). Secure the regulator with the screws included with the regulator – tighten to 25 lb-in of torque (2.82 NM). Place the included label on the valve body where it can be easily seen to insure proper identification. **NOTE: Leak test this area after the heater is installed, gas is connected, and the main burner is lit.**



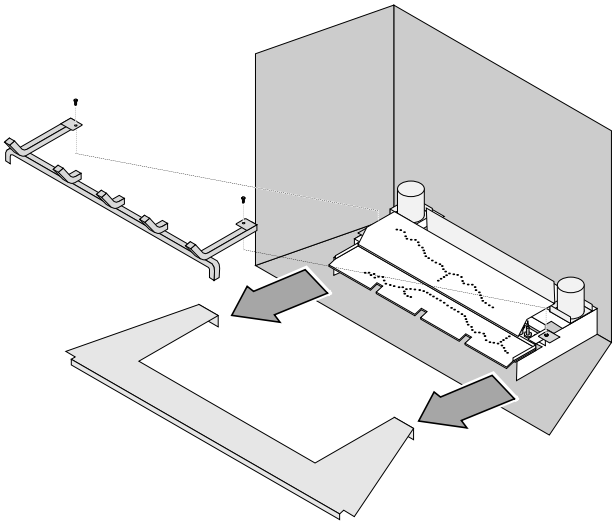
7 Make the gas line connection, bleed the gas line (if applicable), start the heater and thoroughly leak-test all gas connections and the gas control valve.

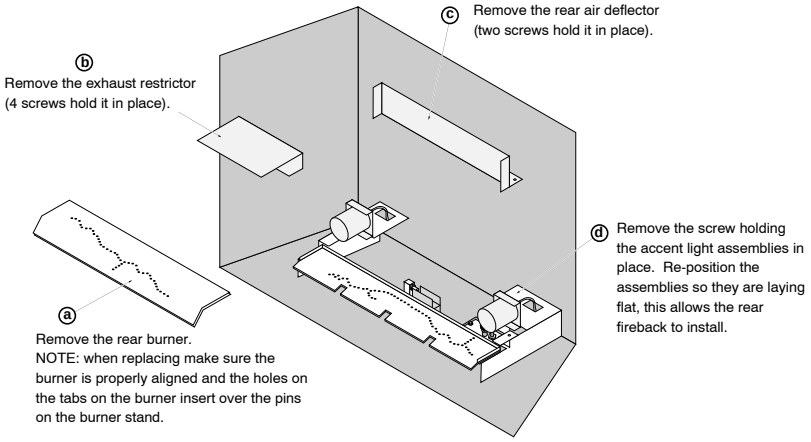
Fireback Installation

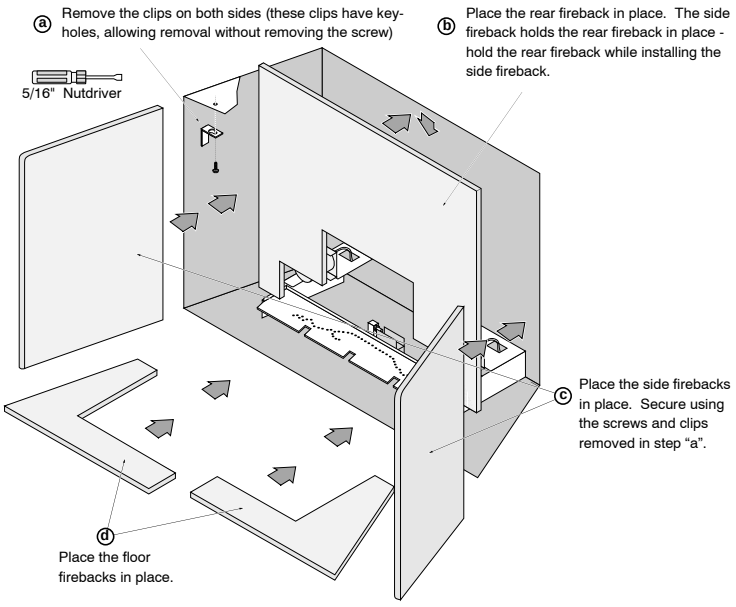
WARNING: Turn off gas to the appliance and make sure it has fully cooled prior to conducting service.

1 Remove the glass frame and logs.

2 Install the firebacks following the directions to the right (note: the hearth plate is discarded).




ⓒ Remove the rear air deflector (two screws hold it in place).
ⓑ Remove the exhaust restrictor (4 screws hold it in place).
ⓓ Remove the screw holding the accent light assemblies in place. Re-position the assemblies so they are laying flat, this allows the rear fireback to install.
ⓐ Remove the rear burner. NOTE: when replacing make sure the burner is properly aligned and the holes on the tabs on the burner insert over the pins on the burner stand.


ⓐ Remove the clips on both sides (these clips have key-holes, allowing removal without removing the screw)
5/16" Nutdriver
ⓑ Place the rear fireback in place. The side fireback holds the rear fireback in place - hold the rear fireback while installing the side fireback.
ⓒ Place the side firebacks in place. Secure using the screws and clips removed in step "a".
ⓓ Place the floor firebacks in place.

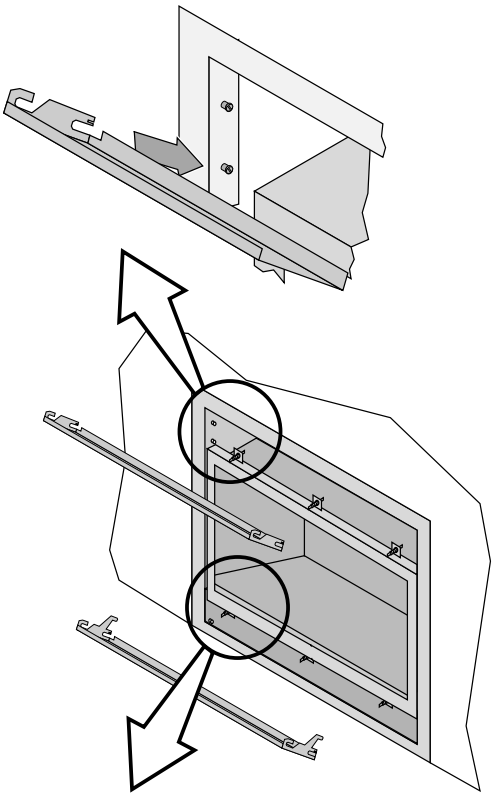
Grill Installation

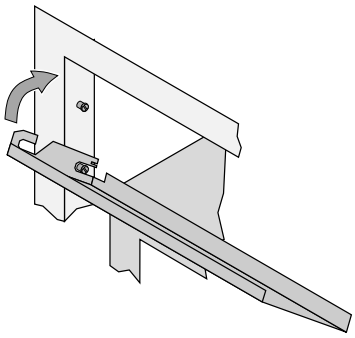
Certain faces allow for installation of an upper and lower grill. Follow the directions below to install.

Upper Grill Installation

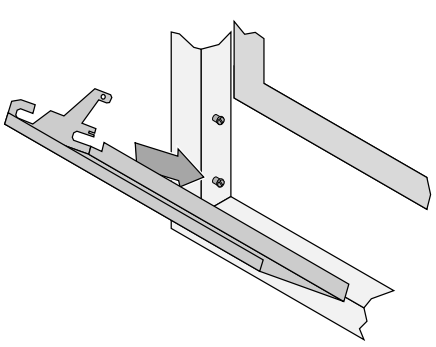
Hold the grill at an angle and insert the lower slot over the bushing on the fireplace (both sides). You may need press on the grill to get the tab over the bushing (this prevents the grill from accidentally falling off).

Swing the grill upwards to engage the upper slot. You will need to lift the grill slightly to get it over the bushing. Once in place the grill is held in place by gravity.

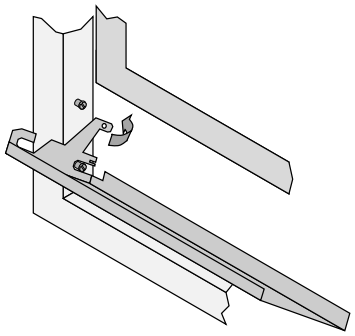




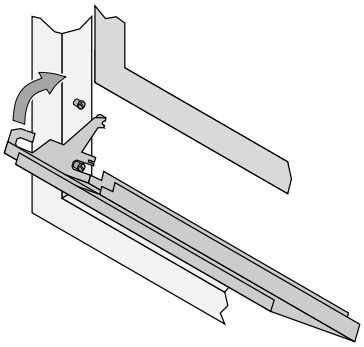
Lower Grill Installation



Hold the grill at an angle and insert the lower slot over the bushing on the fireplace (both sides). You may need press on the grill to get the tab over the bushing (this prevents the grill from accidentally falling off).



Bend this the tab over on both sides. This is the end-stop for the lower grill, it allows the grill to swing forward.



Swing the grill upwards to engage the upper slot. You will need to lift the grill slightly to get it over the bushing. Once in place the grill is held in place by gravity.

Index

Additional Items Required 7
Air Shutter Adjustment 44
Altitude Considerations 21
Approved Vent Configurations 23
Approved Vent 22
Clearances 11
Converting the Fireplace to Top Vent Configuration 9
Corner Installations - Rear Vent Configuration 15
Corner Installations - Top Vent Configuration 16
Diffuser Plate Adjustment 25
Dimensions 6
Drywall Installation 33
Electrical Connection (required) 19
Exhaust Restrictor Adjustment 23
Facing Overview 34
Facing Requirements 33
Features 6
Fireback Installation 57
Fireplace Placement Requirements 11
Fuel 17
Gas Inlet Pressure 17
Gas Line Connection 17
Gas Line Location 17
Gas Line Requirements 17
Glass Frame Removal and Installation 45
Grill Installation 58
Hearth Requirements 32
Heating Specifications 6
Index 60
Installation Example - Build-In with Horizontal Termination 42
Installation Options 6
Installation Overview 7
Intake Restrictor Adjustment 24
Error! Reference source not found. 2
Log Set Installation 47
LP Conversion Instructions 47
Mantel Requirements 40
Minimum Framing Dimensions - Rear Vent Configuration 12
Minimum Framing Dimensions - Top Vent Configuration 13
Nailing Brackets 14
Overview 2
Packing List 7
Raised Fireplaces 11
Rear Vent Configuration with Horizontal Termination (no vertical rise) 26
Rear Vent Configuration with Horizontal Termination (with vertical rise) 27
Rear Vent Configuration with Vertical Termination 28
Recommended Installation Procedure 7
Restrictor Position 23
Safety Precautions 4
Steps for Finalizing the Installation 43
Termination Requirements 31
Thick Facing Installation with FPX Arched Faces 38
Thick Facing Installation 37
Thin Facing Installation 35
Top Vent Configuration with Horizontal Termination 29
Top Vent Configuration with Vertical Termination 30
Vent Clearances 21
Vent Installation 22
Vent Requirements 21
Optional Wall Switch or Thermostat Installation 20
..... 20